

VHF-UHF DIGEST

IN THIS ISSUE:

BRUCE ELVING: "Although the FCC isn't saying it, I predict a freeze on new public FM stations, especially on new 10-watt applications, and applications for higher power stations within 100 km of channel 6 TV stations..."

ROD LUOMA: "The fire department arrived in about ten minutes and, thank God, found no fire---only the rotor control had greatly overheated, charring the top of the Zenith..."

PAUL GAINES: "When I was eleven my Dad gave me a choice of having a bicycle or a radio. I thought on for a day and made my decision. I was the only kid in the neighborhood who used a scooter..."

AND MUCH MORE!

IT'S E-SKIP TIME



The Official Publication of the
WORLDWIDE TV-FM DX ASSOCIATION

May 1976



publishers' notes...

WTFDA HEADQUARTERS, P.O. BOX 163, DEERFIELD, IL 60015 USA

OUR COVER... Rene Quinlan's artwork reminds all of us that it's time to prepare for E-skip (Es), that common but mysterious phenomenon which brings in low band VHF stations typically 800-1500 miles distant throughout the summer months. The start of the 1976 Es season is not indicated in this issue's DX columns; but, in a letter to your editor, Steve West of Havertown PA notes some incredible tropo ducting with reception of WSWB-35 Orlando FL and WJCL-22 Savannah GA in the wee hours of April 19! Steve states that WSWB was snow free at times, and pictures were taken, so details will presumably be in an upcoming edition of the VUD.

LATE APRIL VUD... The VUD paste-up continues to be delayed in the mail from Pittsburgh to Indiana for no apparent reason. Such is the disadvantage of having editor and publishers in different sections of the country. Measures are being taken to correct the situation, and hopefully no further VUDs will be late because of the Postal Service. Incidentally, any comments on mailing problems or related matters should be addressed to our publishers in Indiana, or to WTFDA HQ; remarks concerning editorial content or layout can be sent to your editor in Pittsburgh. Please wait until at least the 25th of each month before reporting a late or missing VUD.

NEW EDITOR... With this issue, Paul Gaines begins editorship of a column titled This Is Your DX, featuring tales of memorable DX catches or experiences submitted by members. Paul welcomes your contributions at the address listed on page 30. Still needed are editors for TV Statistics/Scoreboard, Southern FM DX, and a newly proposed "nostalgia" column. If any of these posts interest you, please contact this writer (Clarke Ingram) at 5201 Colewood Drive, Pittsburgh PA 15236 as soon as possible. Your cooperation in helping to keep the VUD one of the finest offset printed publications available will be appreciated!

73, Clarke Ingram for Pete Oprisko, John Zondlo, and Mike Hogan

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PLUS: Featurettes on CONVENTION '76 and NBC's \$2 Million "N" Logo!



WTFDA MAILBOX

John Zondlo
6617 Maryland
Hammond, IN 46323

Greetings. Here we go for another month.....

Fred W. Born	304 Ivy St.	Bay City, MI 48706
Bradley Griffin	1533 E. Ivy Ave.	St. Paul, MN 55106
David B. Parry	22 Chestnut St.	St. Thomas, ON N5R 2A7
Craig Simons	413 Ridelle Ave.	Toronto, ON M6B 1K3
Don Storms	3475 Spring Valley Blvd.	College Park, GA 30349
David M. Wurl	Box 426	Wisconsin Dells, WI 53965

Rejoin: Dale Basten-618 Sunnycrest-Green Bay, WI 54301
 Roger Bortree-WSYR Radio-1030 James St.-Syracuse, NY 13203
 Gerald Katz-221 Franklin St.-Northvale, NJ 07647
 Joe Markewicz-Box 1503-Hornell Heights, ON POH 1P0
 Peter F. McGorty-Marpet Co. of New Hampshire-Box 3, Dame Road-
 Center Tuftonboro, NH 03816
 Dean Niemi-308 N. 60th Ave. W.-Duluth, MN 55807
 Guy Ogden-9810 Florida Blvd.-Baton Rouge, LA 70815
 John Robertson-6065 Gardner Line-Croswell, MI 48422
 James Shepherd-1213 Frederick-Joliet, IL 60455

Renewals: Robert Baker, Rolf Blodorn, Andy Bolin, J.D. Buch, John Czarnomski,
 Clinton Day, Richard Eddie, Dave Egan, Bill Feidt, Joe Fela, Bill
 Frahm, Bill Grant, Roger Gravelle, Hank Holbrook, William Johnson,
 Tom Leu, C. Edward Mauger, Tim O'Malley, Scott Sampson, James
 Sullivan, Steve West, Walt Windish.

New Address: Robert Baker-Box 337-Humboldt, IA 50548
 Walt Windish-Bismarckstr. 40-3070 Nienburg-West Germany

FRED W. BORN has quite a bit of DX gear, including a Channel Master
 VME chimney mounted antenna, a Channel Master 7' dish on a 10' tripod, a
 rotor for each antenna, and a preamp for UHF. The VME antenna is 35' above
 ground, while the UHF dish is at the 40' level.

New member DAVID B. PARRY comes to us by way of St. Thomas member
 Roger Gravelle. His FM receiver is a Sansui SIX, connected to an antenna
 mounted at 45'.

There's nothing amateur about CRAIG SIMONS. Craig has been a ham for
 quite a while, and he's now taken up TV DXing. He's also a member of ARRL.

WTFDA is club number four for DON STORMS....he also belongs to IRCA,
 NRC, and NASWA. Don's DX gear includes a Dynaco AM-FM tuner and a Barlow-
 Wadley XCR-30.

Tidbits.....

Here's what the latest club membership figures look like as of this
 writing- Feb. '76: 270, March '76: 264, April '76: 273. I hope in the future
 to be featuring a graph showing the membership stats for the club.

Member Mal Wessot writes: "What have the members been paying for .412
 (coax)? We have many 15-20 foot shorts of .412. We might be able to help
 members with their .412 needs." In the market for coax for your antenna
 system? Write to Mal, c/o Chatham Antenna Services, 51 Austerlitz Street,
 Chatham, NY 12037, or call 518-392-3240. Mal is also a member of CATA
 (Community Antenna TV Association) and SCIE (Society of Cable TV Engineers).

The European DX Council is in the process of compiling a list of all
 publications having something to do with DXing or radio in general. For more
 information, contact EDXC-Publications Committee, p.a. Frits Mulder,
 Patrijestrat 13, Brummen 6521, The Netherlands.

Martin J. Theil (12 Princeton Dr. E., Holiday, FL 33589) writes: "The
 Bearcat 101 finally arrived and is a very fine piece of electronic work-
 manship. I would like to correspond with any club members in regards to
 compare different stations received on 101. Also would like frequencies of

skip and TV stations to program, home, amateurs, Ch. "3". I have the Code book, need frequencies like 159.21. Also different opinions on indoor and outdoor antennas for Bearcat 101. My shack now consists of 19" RCA, 12" Magnavox TV, Telefunken Hi Fi AM-FM-SW, Sony tape recorder, and Bearcat 101 scanner. Pembrandt rabbit ears antenna for all TV stations." By the way, Martin, please send all Mailbag contributions to me, rather than Clarke.

Here's what Quebec member Dave Egan recently told us: "I've decided to rejoin WTFDA for another year. After thinking it over for awhile I decided that after six years in the club I may as well stick around for another 12 months. I have not resumed DXing as hobby as I have no available time, yet I am still interested in reading about others' accomplishments and in case I regain my interest and manage to find the time in the coming months I would like to stay in WTFDA. The reason I no longer DX much is due to the fact I am working fairly regularly as a mailman in Valleyfield during the week while I stick to DJ work on the weekends. This leaves me very little time to spin the dials. At night during the week I am wiped out from walking all day and during the days on the weekend I am trying to recover from a long nights' work at the disco. However, I feel that once I pick up some Es this spring my interest will return. Afterall, I have been doing DXing in one form or another since 1962. It's hard to put something you've been doing 14 years aside."

This word comes our way courtesy of Harvey B. Woodworth (142 Otsego Ave., San Francisco, CA 94112): "It's really great to be back in the WTFDA again, after being ill for several days, and, other problems that also came up at that particular time. I hope to try for some FM DX and, if all goes well, a new high gain FM antenna will be installed later on this year. Slow scan amateur television, when I first saw it in operation at Expo '74, in Spokane, Washington, fascinated me to no end, especially when it was on display at one of the World's Fair pavilions. Do we have any slow scanners in the WTFDA? I was all set to go into just monitor only, both phases of amateur television, with the fast scan endeavor also, but illness in my family curtailed the project so, hopefully, I may get back to it in the future. Are there any fast scan amateur ham TV operators in our organization who can advise me in regards to amateur fast scan TV?"

A recent new member, Marshall Lillie (147 S. Main St., Bourbonnais, IL 60914) tells us about his DX gear: "My present equipment consists of a portable 4-band radio hooked up to an IRCA spiral loop with a 365 mmf var. capacitor. I'd like to get some better, more finely tuned equipment. Preferably used, because my wife doesn't give me too much of an allowance." Marty adds, "Up until August 75, I was mainly a BCB DX'er. FM is a nice change-of-pace. Now to back up a bit. Are there any guys in WTFDA...that want to get rid of a receiver in good shape for a "college guys" kind of price?"

European DXer Igor Hajek wrote to tell us of an article he wrote for the April 1976 issue of Practical Wireless magazine. The article deals with DXing of the VHF and FM bands in Europe....perhaps some of you may be interested in this article.

Doug Everitt (1708 W. Maine Ave., Enid, OK 73701) has some items up for sale: (1) an ancient 4 element channel 4 yagi, needs repair (2) 10 element channel 9 yagi in very good condition (3) 44 element UHF log in excellent condition (4) all sorts of coax connectors. Write to Doug for more info on these items.

Here's a note of interest from non-member William Dale Fait of Willoughby, Ohio: I'm not really very active TV-DX wise, and I don't have decent equipment, but I do work DX on the other broadcast bands. I have some info to pass on to TV DXers, for whatever it is worth: CKCO-TV is being received very well in the greater Cleveland Area. The WRTM '76 listing of CKCO-Kitchener, Ontario for channel 13 should be scratched.*They are on channel 42 and are blasting into the Cleveland area with weak fuzzy video and clear audio, on rabbit ears. They must be running at least several million watts.

The Ontario DX Association and the Canadian Handicapped Aid Program has announced an All Clubs DX Rally to be held July 31 and August 1 in Kingston, Ontario. For more info, write to All Clubs DX Rally, c/o the Ontario DX Association, 23 Lament Ave., Weston Post Office, Toronto, ON M9N 2J9.

Well, that wraps it up....see y'all next month.....jz

* EDITOR'S NOTE: CKCO-TV is on ch 13, with a new 1750 kw repeater on ch 42. CWI

New Stations Granted

CA Atascadero 104.5 50000 h,v; 215'
CA San Bernardino K272AH 102.3\$ [KFAC-FM 92.3 Los Angeles CA translator], 1 w.
CO Glenwood Springs K272AI 102.3\$ [KREX-FM 92.3 Grand Junction CO translator, D, antenna oriented 95°, 195° & 270°]. 10 w.
DE Newark 91.3 10; 10 Boise 90.1 10 w.
FL Naples 92.1 3000 h,v; 300'
FL Tallahassee 90.5 10 FL A&M Univers.
IN Chicago 96.9 38000 h,v; 2500'55, 102 mi.
IL Hampden 88.9 10 IL Inst. Technology
IL Glen Ellyn WDCB 90.9 5000 h,v; 263' to share time with WEPS 90.9 Elgin IL.
IN Chesterton 89.1 10 w. Duneland School
IN Fort Wayne 88.3 10, talk, classical
IA Fairfield 95.9 3000 h,v; 132'
IA Hampton 104.9 3000; 94' B, 32 miles
IA West Des Moines 88.9 10
MI Novi 89.5 10. MN Cottage Grove 88.1 10
MN Red Lake W28AA 93.5\$ [KFMM-FM 97.9 Fargo ND translator] U. 10 w, DA, 45°.
MT Billings 88.9 10. MT Butte K257AF 99.3 [KUFM 89.1 Missoula] 10w, D, 270°.
NV Inlay K249AD 97.7\$ [KNIS 94.7 Carson City NV] 10. NV Poughkeepsie 91.7 10 Vassar.
NC Cullowhee 91.7 10. ND Minot (downtown) K261AH 100.1\$ [KCJB-FM 97.1], 10 w, 130° and 230° (DA). OH Belleaire 88.7 10
OH West Chester 89.9 10. OR Grants Pass K217AB 91.3 [KSOR 90.1 Ashland OR translator], 1 watt, DA, 305 degrees.
TX Amarillo 98.7 g 100000 h,v; 800'
TX Austin 88.7 130; 1120'
TX Laspassas 99.3 3000 h,v; 180'
TX Sweetwater 95.7 2600 h,v; 58'10, 42 km
UT Price K288AA 105.5\$ [XSL-FM 100.3 Salt Lake City UT translator], power, antenna bearing unknown. WI Land O' Lakes W288AE 105.5\$ [WRVW 102.7 Surfing WI translator]
WI Mauston 92.1 1400 h,v; 390' 14, 44mi
WY Hammett Hot Springs K265AF 104.9\$ ng [KURL-FM 87.1 Billings MT translator] A
On Air and DX Ready!

CO Craig KHAI-FM 93.7 100000 h,v; 980'
CO Pueblo KZLO 100.7 100000 h,v; 840'
LA Shreveport KSCL 91.3 10
MD Baltimore WSPH 88.1 10 [k, M]
MN Duluth KAOH-FM 94.9 25000(h); 400'; 8, 7
MN Rochester KRPR 88.9 10 h,v (Lis, too)
MO Cape Girardeau KRCU 90.9 10 " "
PA Mercersburg WRCV 92.1 3000 h,v; 295'
TX Amarillo KACV-FM 89.9 29500 h,v; 580' 4WAS 101.9 100000 " 730'

UT Pleasant Grove KPCR 88.1 (Cals, too)
VT Stowe WRFB 101.7 45 h,v; 7275', rock

Dual-City Identifications granted

KY Jenkins WREN-FM 94.3 adds Pismo KY
WI Middleton WRAD-FM 106.3 " Madison WI

Stereo Stations

NY Rochester WXXI-FM 91.5, c
WV Fairmont WFGM 97.9, r
Manitoba Winnipeg CJUM 101.5, rock and classical music.

This column welcomes contributions. Use postcards; save 4¢!

On Air with changes (selected)

CA Cathedral City KXIX-FM 98.5 50000 h,v 500'. GA Columbus WCGQ-FM 107.3 100000 h,v; 530'. MA Newton WZBC 90.3 1000; 220'
MI Muskegon WMSU-FM 106.9 31000 h,v; 270'
MO Kansas City KMKI 93.3 100000 h,v; 290'
NC Chapel Hill WUNC 91.5\$ 50000'; 820'
NO Norman NGOU 106.3 3000 h,v; 180'
PA Allentown XNWX 104.1 50000 h,v; 500'
SC Sumter WDOM 101.3\$ 100000 h,v; 630'
TX Port Arthur KYKR-FM 93.3 100000 h,v; 420'
WI Menomonee WVSX 90.7 1050; 14'

Deletion

(Grant rescinded; back to hearing)
GA Camilla 105.5 3000 h,v; 300'

Facilities' Changes

AL Decatur WRSA 96.9 830' (50000 h,v)
AL Gadsden WBSA heard on 91.5; not on 89.9 as said by FCC; change listing to 91.5 (3500; 76', r, monophonic. [From M: AL Gadsden WQEN 103.7 is directional. Y
AL Montgomery WFMJ 98.9 17000 (h); 135'
AK Anchorage KJZZ 102.1 25000 h,v; 165'
AK Kodiak KXKT 100.1 has v [71 miles
CA Gilroy KFAT 94.5 800 (h); 2580', 30/
CA Merced KAMB 101.5 390' (50000 h,v)
CA Paso Robles KPBA from 94.3 to 92.5 17000 h,v; 762'. CA Salinas KCTY-FM 103.9 -335' (3000 h,v). [14, 43 miles:
CA Susanville KSUC-FM 92.7 160 h,v; 1050'
CT Danbury WXCJ 91.7 adds v.
FL Winter Park WPRK 91.5 1320 h,v; 98'.
IL Chicago WRAX 93.9 4610 h,v (1532') 33, 74 miles; new power for Sears Tower as computed by new FCC curves; watch for WCLR, WBYR, WXPW to similarly increase!
IL Columbia WCBW 104.9 3000 h,v; 235'
IL Elgin WEPS 90.9 to share time with the new WDCB Glen Ellyn IL.
IL Macomb WJLM 99.3 2850 h,v (280')
IA Charles City KCHA-FM from 104.9 to 95.9, making way for Hamlet IA grant.
KY Prestonsburg WBOG-FM 95.5 100000 h,v, 530'. LA Franklin KFRA-FM from 95.3 to 105.5; 165' (3000 h,v). LA New Orleans WNOO 89.9 has vertical polarization.
ME Skowhegan WIOS-FM writes and says they intend to stay on 105.1, not moving to 105.7, which the FCC allocated to Skowhegan in place of 105.1. Hunky-panky?
MA South Hadley WWHC apparently to remain on 91.5; not moving to 90.7.
MN Minneapolis KBEM 88.5 has v; is good about dropping \$ carrier when carrying monophonic programs; c, r, talk. [h, v)
MN Thief River Falls WOSH 99.3 117' (3000/

Vertical polarization confirmed

MA Franklin WSPD 91.3
NV Las Vegas KJME 93.1
NC Asheville WJVF-FM 88.1
SCA Activities (continued from right)
PA Lancaster WGLM-FM 101.3 adds SCA
PA Pittsburgh KDMA-FM 92.9 changes in programming?

MO Chillicothe KCHI-FM 103.9 15500 h,v
MT Plentywood KPMD 100.1 3000 (h); 34'
NY Glens Falls WBAZ-FM 107.1 280 h,v, 275 v; 840'. OH Holland WPOS 102.3 v.
OH Reading WRCC 89.3 330 (h); 125'
OK Durant KSEOF-FM 107.1 1900h,v (370')
PA Freehold WACN 103.1 410 h,v; 680', heard testing with country music; 87
PA Philadelphia WMOB 95.5 13000h,v; 850'
PA York WQXA 105.7 46000 h, 38000 v, 520' apparently dropping DA. 33, 73 mi
TN Milan WKBJ-FM 92.3 42000(h) 160'
TX Houston KUNH 88.7 27000 h,v; 970', transmitter Alvin TX. 56, 125 km.
TX Lubbock KXTX from 91.9 to 88.1, 18500 h,v; 340'. [Reduces Coverage:
TX Lufkin KULF-FM 105.1 29700 h,v; 245'
VA Roanoke WSLQ 99.1 is directional
WA Seattle KYAC-FM 96.5 50000 h,v; 1090'
WI Ft. Atkinson WFAW-FM 107.3 500' (50000 h,v), 53, 117 km coverages.
WI WHLA 90.3 changes city of license from Holmen to La Crosse. WI WHMC 88.3 from Colfax to Menomonie WI.

Formats/Networks

AL Butler 93.5 mk. FL Crystal River WRDQ 98.5 gm (from g). GA Griffin WKEU-FM 97.9 no network (was M), m.
HI Honolulu KQMQ 93.1 fm (from r)
IL Chicago WNIJ 97.1 c.j.
IL La Salle WLPQ-FM 99.3 r[still] mono.
IL Mendota WGLC-FM 100.1 (from E), m/
IL Moline WHIT 96.9 mr. IL Savannah WCCI 100.1 k (from nk). IN Indianapolis WJEL 89.1 rc; WIFE-FM 107.9 k (was m).
IA Iowa City KIOG 100.7 p-rock
IL Ottumwa KLEE-FM r (said to be on mono to midnight; believed to be in \$)
IA Sioux City KSEZ 97.9 r (from m)
MO Towson WCVT 89.7 p. MN Albuquerque KIPC 91.5 LE (mostly English now but will later feature Spanish and several Indian dialects). NC Chapel Hill WUNC 91.5\$ back on air after 6-year hiatus.
WI Milwaukee WNUW 99.1 m (from r)

SCA (87 kHz) Activities

CA Los Angeles KFAC-FM 92.3 PRN (music)
IL Chicago WNIJ 97.1 adds SCA
IN Ft. Wayne WPTH 95.1 adds SCA
KS Pittsburg KMRJ 96.9 " "

LA New Orleans WNL-FM 101.9 to add talking book in August, 1976.

ME Bangor WPGC 92.9 adds SCA. ME Skowhegan WIOS-FM 105.1 telemetry only.
MA Worcester WICN 90.5 adds SCA
MN Minneapolis KTCR-FM 97.1 no SCA

" WCCO-FM 102.9 has only an inaudible SCA; will never use for talks or music." MN St. Paul KSTP-FM 94.5 experimented with SCA but decided to drop it (was to have had fern news) for fear of impairing quality of main signal.

MO Kansas City KXIR 96.5 telemetry only.
MO Moberly KRES 104.7 adds SCA
NY Oswego WRVO 89.9 adds SCA
OK Alliance WFAH-FM 92.5 adds SCA

FCC-FM

AK Ketchikan *105.9 KRBD
 CA Turlock *90.9 KROG
 CO Denver 95.7 KXXX (KNOW-FM)
 FL Leesburg 106.7 WHLY (from WGSN)
 GA Chattahoochee 99.3 WQMT
 IL Belvidere 104.9 WYBR (from WKRL)
 IA Des Moines 93.3 KMGK (K10A-FM) "magic"
 MD Baltimore 102.7 WBYY (WCAO-FM)
 MO Cumberland 102.9 WPMV (WQUM-FM)

MA Salem *91.7 WMMX
 MI Birmingham 94.7 WMLC (WMBE)
 MN Sauk Centre 94.3 KNSR
 NJ Ship Bottom 100.1 WJHZ
 NM Albuquerque 94.1 KRKE-FM (was KDEF-FM)
 NY Elmira 94.3 WLVY (WEHN-FM), adds 8
 NC Kinston 97.7 WQOW
 OH London 106.3 WSYX (WLNO)
 OK Okmulgee 94.3 KLLS (KREV)

May, 1976

OK Bartlesville 101.7 KEOK (KTLG-FM)
 PA Williamsport *91.7 WPLG
 TX Dallas 104.5 KKDA-FM (KEZT)
 TX Midland 103.3 KRMJ
 UT Orem 107.1 KOPH
 VT Lyndonville *91.7 WVLK
 WA Toppenish 92.7 KENE-FM
 WY Salem *91.1 W110
 VI St. Thomas *88.9 W1UJ
 Man., Winnipeg 94.3 CHIQ-FM (CFRW-FM)

FM INDUSTRY NEWS and Members Reports

Want a reliable and up-to-date guide that not only covers FM, but includes AM and TV? The 11th edition of Vane Jones' North American Radio-TV Station Guide is now available at \$4.95 direct from Vane, who is a WTFDA member, at 6710 Hampton Drive East, Indianapolis IN 46226. What I particularly like about his book is the complete, integrated AM-FM-TV call letter listing at the back of the book.

FCC probes public FM. The FCC is about to publish a rule-making looking toward the creation of a table of assignments for 88-92 MHz (such a table already exists within 199 miles of the Mexico border). Issues to be looked at include technical and nontechnical. The Corporation for Public Broadcasters want 10-watters outlawed, but the FCC is proposing a special class for them, including the possibility of assigning 87.9 MHz as a special 10-watt channel, and place 10-watt educational stations possibly in the commercial part of the dial (92-108 MHz). Would the creation of 87.9, "channel 200" prestage the eventual elimination of channel 6 TV? to permit FM expansion? It's possible, given the impetus of Australia's clearing of their channel 5 to allow for VHF FM radio. Watch for the AMST (Association of Maximum Service Telecasters) to fight the FCC 87.9 proposal and watch any further move to have public FM stations of 10 watts in the commercial band to be fought by the NRBA (National Radio Broadcasters' Association; formerly the National Association of FM Broadcasters). I plan to offer the ultimate solution, which I predict will be adopted: place all 10-watters on even frequencies such as 88.0, 88.2, etc. Such a plan would work beautifully in Chicago where 90.8 could house a dozen or more 10-watters, without interference from WBEZ or WMBI-FM. Further, placement of stations closer on the dial to each other is contemplated by a study of the FCC chief engineer's office, which looked into reducing the present 200 kHz spacing to either 150 or 100 kHz. Use of 100kHz spacings would require receiver filters to work efficiently. I wonder, with word of this study now out, will it tend to prompt manufacturers to offer crystal filters in even cheap sets? Possibly, because people would not buy sets that might be obsolete.

Although the FCC isn't saying it, I predict a freeze on new public FM stations, especially on new 10-watt applications, and applications for higher power stations within 100 km of channel 6 TV stations. The FCC is also looking at ways existing educational FM stations can increase their powers and avoid interference from each other, and avoid giving interference to channel 6 TV. In the nontechnical realm, the FCC is proposing a 36-hour per week minum schedule of operation for all public FM. Furthermore, in a move unprecedented in brilliance for an agency such as the Federal Communications Commission, the FCC proposed that stations operating between 36 and 72 hours per week be open to time sharing if another use of the channel were proposed. Stations operating over 72 hours would not be subjected to time sharing. This 36-hour per week minum would presumably be 52 weeks a year, with the FCC and the Corporation for Public Broadcasting both properly concerned about stations that sign off for vacation periods, and student stations used as training grounds.

KICE 100.7 Bend OR now fm, with the format more rock at night. KINK 101.9 Portland OR now Dolby-equipped. KPAM in Portland has been iding as "KPAM FM 97, AM 14." To go \$ before the end of the year: WCTS 100.3 Minneapolis, g.

Two or three people have asked me what WVWR Roanoke VA is doing on *89.1 and what WVWR's new power is. If you'd flip back to your January 1975 VUD, p. 3, you'll see they were granted 100,000 h, v; 1970, making a move from *90.1. It pays to hang onto your back issues of the VUD and use your magnifying glass and read closely for various tidbits.

Lack of funds from Wayne State U. may close WDET *101.9 Detroit, which will have to rely on the public if institutional funds slated for elimination are not restored. Another article says WDET soon will be installing new equipment to improve its signal. The money comes from a pledge campaign, which raised \$40,000. WNYU (FM) *89.1 New York supposed to be similarly hurting for money. I predict both stations survive.

WMZK 97.9 Detroit heard with Mutual network programming 1:55 a. m. EST, but no Mutual noted during "normal" daytime hours. Otherwise, nobody in Detroit has Mutual. WNIC-FM 100.3 Dearborn has an announcer now (probably live). They don't call selves "nice music" much any more, music still about the same [m], with subdued i. d. 's.

WBFB 92.5 Buffalo NY, although all news, NIS, still has its stereo carrier on; absurd!

WVOR 100.5 Rochester NY now rm, from m (still not stereo).

WBUF 92.9 Buffalo supposed to be installing v, but no FCC approval for that seen yet.

WCOL-FM 92.3 Columbus OH now all r, or p; not gr. WMDI 102.3 McKean PA and WCUE-FM 96.5 Akron OH both p. Refuting a statement of two months ago in which a reporter heard CBS on WNNs 97.5 Louisville KY, is a reporter who stayed overnight in that city and listened to WNNs for several hours. He heard no CBS; only NBC's NIS network service. I have asked WNNs about this, but so far no response from them.

A Milwaukee radio consulting engineer predicts eventually 6 kw class A's for FM.

With the clearing of Australian channel 5, the Sydney area may have 15 new FM stations by 1977. Presently, this large city has 2MBS-FM on 92.1 and ABC-FM on 92.9, with space on the present Australian band for only one more station: on 93.7. This space was to have been for rock station 2JJ, but financial difficulties have forced a cutback in ABC's plans. Other articles recently sent from Australia by Don Voegelé show that most FM programming there is classical music, with many hi fi buffs disappointed at the lack of variety in their FM.

The new Fort Wayne 10-watt FM station on 88.3 will operate out of Concordia Lutheran high school, with regular operations expected to begin in the fall. They want call letters WLHI. KAUS-FM 99.9 Austin MN has a lousy main channel signal after they went SCA; lower modulation; and the late p.m. talk show has interference in one channel—sounds like the AM signal leaking in! KAYL-FM 101.5 Storm Lake IA has music on its SCA, with quite a high level; mono on their main carrier. WACM 103.1 Freeland PA heard with a good signal at a distance of 20 miles with rabbit ears; heard testing with country music.

Readers have reported, and the station has later confirmed it, that WTOS Skowhegan ME is definitely on 105.1 and not 106.7. WNWY Norway ME 92.7 is now WOXO ("93X") and it features bubble gum rock. Writes one reader: "I hope you will differentiate between rock and bubble gum rock and progressive rock. . . Also there seems to be quite a difference between MOR, "chicken rock," and beautiful music formats, which I believe are worthy of separation." Anybody care to try to define precisely all those terms?

OFF THE AIR: WMJS 92.7 Prince Frederick MD; off air "temporarily. This station is a failure, and management policies have made it a bigger failure." Also reported to be off the air are KRCQ-FM 106.7 Pasadena CA and KAGB 103.9 Inglewood. Can any Californians check on these; possibly call these stations and ask what their return-to-the-air plans are? I wonder if it is possible to perfect one's DXing techniques such that during a skip opening you can tell for sure that a station in the area from which skip is coming is off the air? A case in point is that over several years' worth of skip sessions to North Carolina I never discovered the absence of WUNC *91.5 Chapel Hill, which has been silent for six years, only recently coming back on. Also temporarily silent is WGTB"-FM" *90.1 Washington DC, which the Georgetown U. administration took off to re-evaluate the station's purpose. The former staff is circulating petitions to "save alternative radio."

WTUL *91.5 New Orleans testing with new power. They dropped stereo some time ago because they had home-brew, illegal equipment. Mike Dorner is advising the New Orleans Baptist Theological Seminary students who want to set up a new 10-watt public FM. WYLD-FM 98.5 New Orleans turns off its \$ when it occasionally duplicates AM. And it seems that XHH 100.7 Ciudad Juarez was viable as late as 1-30-75 when it appeared on the FCC list.

A Florida reporter wonders why we never see reports of DX from South or Central America? I guess nobody's been trying for LA skip lately; it comes in, so listen for it! In Pittsburgh, a 10-watter may be applied for on *88.5 using calls WBSB (Baldwin Borough), with application to be filed probably in early 1977. They better hurry with an FCC freeze possibly imminent! KSAY 96.1 Clinton IA in financial trouble with their gk, etc. hodge-podge. WDJF 107.9 Westport CT heard with m, not r; in transition? WIOK 98.3 Hempstead NY had its auxiliary, not main FM transmitter bombed, and WIOK remained on the air. WVHC *88.7 Hempstead NY raised its goal in a recently-held marathon and will soon go to the power and height indicated in the FM Atlas. Rumor has it that New York's only all-jazz station, WRVR

106.7, may be sold to the group that owns WWRL (AM) and be converted to a part jazz, but mostly soul music station. Larry Weil editorializes about a bill that I have not heard about but which seems to have merit: "I urge you and all readers to write your senator in support of Barry Goldwater's bill (#S3033 [he is a ham with calls K7UGA]), requiring that all radio and TV receivers meet minimum standards for rejection of interference from other-band transmitters (CB, ham, business band, etc.). The tighter front-ends that will then be required on receivers can only help us to DX in peace without interference, and at the same time allow those of us who are hams to operate without causing problems to others."

One reader brought to my attention a study done by the FCC or OTP which showed that some 2 million people, mostly in the western states, don't get FM service (defined as 50 microvolts/meter or 34 dBu). I have written to both agencies for copies of the report but so far no luck. I wonder if the people doing the study took into consideration the service being performed by FM translators? I doubt it, but translators now cover most of the populated non-metro regions of Utah, and now number over 100, mostly in Utah and in other western states. The study found 150 counties in the U. S. not having adequate FM service.

In Chicago, WNIB's jazz (97.1) is on from 11:30 pm to 2 am (to 3 am Sundays), while WBEZ *91.5 has "middle-of-the-road jazz from 9 pm to midnight Mon.-Thurs.; 9 pm to 1 am Fridays and Saturdays, and 2 pm to 5 pm Sundays.

In California, the FCC orders KJLH 102.3 Compton CA to move back to its original transmitter site, after operating experimentally closer to the black neighborhood of L. A. to which it programs. Reason: interference to KJIS-FM 102.7 Los Angeles. KJLH has permission to install an on-channel booster in Los Angeles (KJLH-1), so they better hustle and build KJLH-1. Besides, it'll be a nice DX challenge to separate KJLH-1 from KJLH.

Over the objection of WQXO 98.3 Munising MI, the FCC assigned 94.7 to Manistique MI, for a station with at least 75 kw at 500', which would put a primary signal into Munising. WTFDA member Paul Petosky is (or was) associated with WQXO. In the same move, the FCC added 93.5 to Newberry MI. The FCC proposes adding *91.1 to Moorpark CA, which is within 199 miles of the Mexican border, but the station would have to have reasonably high power, as it would have to be situated some 11 miles west of Moorpark because of a co-channel spacing problem with XETRA-FM *91.1 Tijuana.

According to the coverage map for KSUI *91.7 Iowa City IA, when it begins programming on its new higher power facilities next year it will be slightly directional, with the north part of the circle being somewhat flattened. Contributors to this issue:

Frank Aden, Jr., Bend OR; John Anderson, Lowe Farm, Manitoba; Robert B. Babul, Leeston NY; Joseph Bahr, St. Croix VI; Robert Baker, Humboldt IA; Andy Bolin, Charleston IL; Bill Coleman, Rocky Mount NC; Michael Dalton, Clearwater FL; Bob Dow, Skoshegen ME; Mike Dorner, Jr., Melairie LA; John Ebeling, Bloomington MN; Paul L. Gaines, Detroit MI; Morris S. Goldman, Chicago; Joel Hermann, Ames IA; Bill Heusmann, Des Moines IA; Clarke W. Ingram, Pittsburgh PA; Harry J. Hayes, Gouldsboro PA; Nick Lombardi, Atlanta GA; R. J. O'Connor, Southwest Harbor ME; Allen Rockford, Syracuse NY; Andy Smith, Hyattsville MD; Don Voegele, Chico CA; Larry Weil (WBZYY), East Rockaway NY.

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(Paid advertisement.)

MAY 1976

Hank Holbrook, 7211 Chestnut St., Chevy Chase, MD 20015 QSLed, GMT

<u>8-24,</u>	1522, CFTJZ	134.0	(Air Canada 930; DC-8-61; Montreal-Miami; 25w)
<u>11-16,</u>	1446, N15551	122.8	8 mi s Lee Apt, Annapolis; (Ronald B. Brown;
			Piper PA32 Cherokee Six; l-engine, 6-seat)
<u>1-4,</u>	1455, N12657	122.0	Ches. Bay, nr Annap. (Hinson Airways, Inc.;
			Cessna 172; l-engine, 6-seat)
	1547, N7068U	131.35	vic Baltimore (United; 727; 25 watts)
	1706, N9227P	128.7	7 or 8 mi w Rehoboth Beach, DE (John N.
			Weiss; Piper Comanche PA-24-260; l-e, 4-s)
	1730, N7236R	128.7	nr Atlantic City, NJ (Beechcraft East, Inc.;
			Beech V35B Bonanza)
	1842, N7288D	128.7	nr Denton, MD (W.C. Jens Coal Co.; Beechcraft
			Duke; twin-engine turbo, 6-seat)
<u>51</u>	0737, N8129N	127.7	(Eastern 440; 727; West Palm Beach-NYC)
	0742, N8168G	134.5	(Eastern 2418; 727; Miami-Boston)

Tom Yingling, Jr., 221 Pinewood Road, Baltimore, MD 21222 Bearcat 101;
MON-4 low band, MONR-17 hi-band, cut-down hi-band for UHF

<u>2-21,</u>	KVN 478	155.16	Glen Burnie, MD (North Arundel Hospital)
	KWX 597	155.22	Annapolis, MD (Annapolis General Hospital)
	KDA 954	151.985	Baltimore, MD (John Hopkins University)
	KSZ 364	155.22	Wilmington, DE (Wilmington General Hospital)
<u>27,</u>	KQY 675	155.94	Seat Pleasant, MD (county police)
	KWE 411	155.985	Rockville, MD (county police)
	KTL 460	494.9625	Baltimore, MD (MTA bus police)
<u>28,</u>	KPB 904	33.70	Preston, MD (fire, county)
	KCD 372	33.60	Prince Frederick, MD (county fire)
	KED 309	33.78	New Castle, DE (county fire)
	KRE 417	33.88	York, PA (county fire)
<u>3-31,</u>	KLE 764	155.715	Towson, MD (Towson State University Police)
	KDT 392	155.025	College Park, MD (University of Maryland Police)
	KGE 351	155.25	Newark, DE (city police)
	KGA 871	155.31	Dover, DE (city police)
<u>9,</u>	KGA 590	37.98	Washington, DC (dpt of highway maint.)
	KGA 410	453.70	Baltimore, MD (salt truck, snow control)
	KGE 865	453.85	Baltimore, MD (traffic control)
	KGD 846	47.14	Baltimore, MD (MD Highway Adm; salt trucks for
			snow; also 47.26, 47.32, 47.40)
<u>13,</u>	KGH 607	453.10	Baltimore, MD (Harbor Tunnel police)
	KSE 200	163.563	Ft. Meade, MD (Military Police)
	"	163.475	Ft. Meade, MD (fire department)
	KZA 576	153.605	Baltimore, MD (Bal. Gas & Electric; electric)
	KGA 439	153.44	Baltimore, MD ("; gas)
	KJA 425	153.32	Sparrows Point, MD (Bethlehem Steel, pol. & fire)
	"	158.43	" (trucks & maint.)
	KLS 700	166.25	Baltimore, MD (WFBR Radio traffic plane)
	-	166.25	Arlington, VA (WAVA Radio Sky Watch)

<u>2-11,</u>	1618, 32.000	<u>22,</u>	2220, 35.28	<u>31,</u>	1901, 37.62
<u>12,</u>	1900, 32.000		2305, 35.58 bs	<u>4-3,</u>	1945, 32.000
	2045, 35.58 bs	<u>23,</u>	1635, 35.28	<u>4,</u>	1655, KIN 645 (Es)
<u>13,</u>	1954, KME 438 (Es)	<u>24,</u>	2017, 35.28	<u>5,</u>	1755, KFL 880 (Es)
<u>15,</u>	1900, 37.000	<u>25,</u>	1905, 32.96	<u>6,</u>	1840, 37.000
<u>17,</u>	1954, 32.96	<u>27,</u>	1825, 37.000	<u>7,</u>	2030, 32.000
<u>18,</u>	1800, 32.000	<u>28,</u>	1700, 32.96	<u>9,</u>	2150, 32.82
	2045, 35.62 bs	<u>29,</u>	1735, 32.82	<u>10,</u>	2230, hi-35
<u>19,</u>	1810, 32.000	<u>30,</u>	1947, 35.62 bs	<u>(1-10,</u>	1845, VRT 33.89
<u>20,</u>	1845, 32.000		2015, 35.22		c.w. harmonic, Bermuda)

73. Pat

WA5IYX

EASTERN TV-DX

Bill Thompson
1907 Seneca Street
Buffalo, NY 14210

May 1976

Deadline: 10th

The arrival of spring was accompanied by much-improved tropo DX conditions in most Eastern areas. Several above-average loggings have already been reported, and as this month's column is being prepared, a large summer type High is sitting over much of the Eastern Seaboard. With such a remarkable weather pattern (one weather forecaster termed it "August in April") we may see some interesting tropo catches reported in the near future. This isn't to say that what appears this month is dull; note for instance Roy Barstow's coastal catches of southeastern Virginia on March 24 & 25, and consider Ken Simon's logging of Mobile, Alabama on March 12 —which may, as Ken notes, have been the beginning of some great Gulf ducting. Further inland, and further north, a number of good morning inversions in various regions brought about some tropo activity. Now that May is here, the Ea season will be getting into full swing by month's end.

NOTE TO EASTERN TV-DXers: Do not send your TV-DX reports to WFDH HQ or WUD editor Clarke Ingram. Some reports have had to be forwarded lately, and this wastes both time and club postage funds, and causes unnecessary delays. If you DX TV in the East, send your reports to the address at the top of this page. And, if you're a new member, let's hear from you!

Rich Turcany 7 Caver Circle Shelton, Connecticut 06484 (EDT/EST)

October
1 GW 1545 W71AG-71 New Haven CT(18)
"This xltr has been off for a long time; primary is WHEH-24 Hartford."
3 1600 WBTB-68 Newark NJ (70)
"Semi-local...began transmitting again 9/29. AAT was not mentioned in QSL but ERP is 1988 kW."
5 At Rutland VT. through Holiday Inn's CARV;
MS 0645 KYW-3 Philadelphia (445)
"TP and tone. Definitely KYW because WFSB and WSYR were already on, and WCXI signs on 0645 EST Sundays"
10 Back at Shelton;
Tr 2238 W71A-41 Windsor VT (240)
"Not much DX here this past season of winter. This celebrates the first anniversary of discovering "DX" in "Communications World" magazine. I have DXed since I was (would you believe?) 7 years old."

November
23 2230 WYAH-27 Portsmouth (420)
24 0738 WBFF-45 Baltimore (300)
6 Tr 0743 WJBT-12 Richmond (390)
7 1756 WYAC-7 Boston (165)
9 Es 2129 unID-2 "Midwest CBS stn"
2146 unID-3 "Amoco Travel Club commercial from Standard Oil Co. Indiana, suspect midwest."
2159 unID-2 "CBS Eye moving on film from right to left, must be a major CBS stn. Suspect Midwest."
January (now using rabbit ears)
10 Es 1100 WFTB-2 Miami FL (1300)
WTVJ-4 Miami FL (1300)
13 1825 WDAF-4 Kansas City (1200)

Jim Alexander Box 2 - Bosch Hall Canisius College Buffalo, NY 14208

March (EST)
23 Tr 0800 CKGN-29 Oil Springs Ont
25 1230 WVIZ-25 Cleveland OH
WUAB-43 Cleveland OH
"CCI on WJET-24 Erie from 24 in Toledo"
26 An (early severe auroral disturb-
a.m. ance—hash on ch 2-13"
0800 CICO18-18 London Ont(120)
0830 WAKR-23 Akron OH
0900 WVIZ-25 Cleveland OH
"Set breaks down—any loggings now made w/borrowed Philco b/w set"
28 Tr 1830 WVIZ-25 Cleveland OH
WUAB-43 Cleveland OH
1940 CKG03-42 Oil Springs Ont
2000 WAKR-23 Akron OH
2130 WKAR-23 East Lansing MI
2155 WUHQ-41 Battle Creek MI
29 0045 CICO18-18 London Ont
WBYI-25 Saginaw MI
0055 CKGN-29 Oil Springs Ont
WKBD-50 Detroit MI
0205 WDRU-22 Scranton PA
0720 "Youngstown U's strong"
WBYI-25 Saginaw MI
Oil Springs U's
"Highlight of this reporting period had to be the tropo on March 28 & 29. WKAR-23 was a big surprise, w/the 8-bay pointed right at WAKR-23, which is closer. Got the rotor control box back from CDE and am at last able to use the rotor again. 2 new ones this time put log at 91."

Roy Barstow 70 Heritage Circle Teaticket, Massachusetts 02536 (EST)

November
 9 Rs 2200 KTVO-3 Kirksville MO
 2230 KTVI-2 St Louis MO
 "Es up to ch 5 at times."
 17 Tr 2330 WFTB-68 Newark NJ "s/off"
 WMPB-67 Baltimore MD
 25 0200 WSYR-3 Syracuse NY
 "Tomorrow program
 after WFSB s/off"

December
 13 Tr 0230 WCSH-6 Portland ME
 13 - 14 MS "Geminids not very good--
 most bursts noted around
 0100-0200 both nights."

January
 9 Rs 2200 "chs 2, 3, & 4, no IDs"
 10 Au 1500 to 2300 "No IDs here,
 heavy on lower channels."
 11 Rs 0315 "Auroral induced Es
 started coming in here."
 KFTV-3 Springfield MO
 0345 WCRD-2 Charleston SC
 "they were running a
 telethon, someone from
 Minnesota called in a
 pledge"
 0358 WSM-4 Nashville TN
 "Testing. Weird seeing a
 station testing during Es"
 0400 unID-2 "movie about Hawaii"
 13 Rs 1730 KQTV-2 St Joseph MO
 1755 WDAF-4 Kansas City MO
 1820 WTWO-2 Terre Haute IN
 1915 KTEW-2 Tulsa OK
 MUF to ch 5
 14 1340 WEDU-3 Tampa FL
 1500 WHIQ-2 Dozier AL
 16 2215 WCRD-2 Charleston SC
 "to after 0000"

25 Tr 1345 WGAN-13 Portland ME
 WMTW-8 Poland Springs ME
 WNEH-11 Durham NH
 "testing @ 1350"
 WVTB-41 Windsor VT
 WMBG-26 Biddeford ME
 2300 WCAZ-3 Burlington VT
 "rare here, GCI WFSB"
 Rs 2300 WPBT-2 Miami FL "s/off"
 2330 WSB-2 Atlanta GA
 "Es out by 2345"
 26 Tr all WGAN-13 Portland ME
 day WMBG-26 Biddeford ME
 27 0005 WLBZ-2 Bangor ME

February
 17 Tr 1330 CBFT-2 Montreal PQ
 "Deep fading--nothing
 else coming in."
 24 1800 WHRO-15 Hampton VA
 WBOC-16 Salisbury MD
 WCPB-28 Salisbury MD
 25 2110 WRDY-65 New Haven CT
 2130 WVEC-13 Hampton VA
 "plus all eastern PA,
 MD, NJ UHF in"

March
 24 Tr 0930 WHRO-15 Hampton VA
 WVEC-13 Hampton VA
 25 0245 WAVY-10 Portsmouth VA
 "testing"
 26 Au 0030 "Lots of hash chs 2-11"
 WCRB-2 New York City
 "with some audio with
 antenna north"
 1400 to 1445 Au in & out
 27 Tr 1830 WGAN-13 Portland ME
 WCRB-10 Augusta ME
 31 Au 2330 to 0230 "chs 2-7 & 9
 --no IDs"

Martin J. Theil 12 Princeton Drive B. Holiday, Florida 33589 (EST)

February
 3 Tr 2300 WJKS-17 Jacksonville 4433
 2330 unID-15 "Ice Hockey" 3333
 10 2200 WFTB-13 Panama City 4455
 WGIQ-43 Louisville AL 4455
 2230 WAEW-14 Pelham GA 3333
 11 1930 WHRO-6 Orlando FL 5544

14 Tr 1730 WJHG-7 Panama City 4444
 March
 9 Tr 1900 WUFT-5 Gainesville 5444
 1930 WSWB-35 Orlando FL 4333
 WESH-2 Daytona Beach 5555
 2300 WTOG-44 St Pete FL 5555
 30 1230 WCTV-6 Thomasville 4444

Ken Simon 528 Pilgrim Road West Palm Beach, Florida 33405 (EST)

March (EST)
 12 Tr 0435 WALA-10 Mobile (550)885km
 13 -- 0800 W64AD-64 Boca Raton FL
 "rebroadcasting ICR-6"
 Tr 2050 WBBH-20, WUFE-24, WSVU-26,
 WTVX-34, WSWB-35, WTOG-44
 FL "WMPB, WSWB both 5555"
 14 0900 WJKS-17 Jax FL (285)455km
 "WX note--on MAR 12 7 am EST satellite pic showed cold front from about
 Sarasota FL to Mobile AL...could have been great GULF tropo but I had to
 leave for work at 4:45 am...W64AD amp seems wideband as I've noted WPTV-5
 audio as well as WMCU-FM (89.7) on it along with WHRO-6, WCTV-6, WDSU-6,
 and KRIS-6...I guess it doesn't take much to key the WCIJ Boca Raton, FL
 xltr. WFCB-45 noted for 1st time on weekend (3-21)...usual programming
 runs 2 hrs in the PM weekdays...March was a bomb...oh well, April usually
 means the Cubans..."

Paul D. Traska 64 Weaver Avenue Buffalo, New York 14206 (BST)

March
 10 Tr 2125 WKAR-23 East Lansing MI R
 "CCI 19, 22, 24 & 25 same antenna heading"
 11 2258 All Detroit U's
 2307 Elmira, Binghamton, Scranton-WilkesBarre U's
 14 MS 0130 unID-2 "west"
 25 Tr 1330 "Overload from Buffalo
 WNED-17 on 31"
 26 2320 WNPE-16 Watertown NY R
 0028 CKGN-29-29 Oil Springs R
 CIG018-18 London Ont R
 1700 WLVT-39 Allentown PA R
April
 5 Tr 0158 WBNY-7 Watertown NY R
 5 2100 WBGU-57 Lima OH R
 2130 WJIL-38 Terre Haute IN R
 6 2040 "Very good xltr opening--"
 W72AQ-72 Great Valley NY R
 W73AB-73 Arcade NY R
 W68AK-80 Springville NY R
 W62##-62 Ellington NY R
 W62##-62 Sinclairville R
 W62##-62 Clymer NY R
 W26AA-26 Jamestown NY R
 W56##-56 Kennedy NY R
 6 Tr 2040 W56AF-56 Silver Creek R
 W31AJ-81 Cattaraugus NY R
 (preceding xltres all for WNED-17, all noted strong)
 W63AB-63 Mansfield PA R
 (xltr for WVIA-44)
 12 1300 WPSX-3 Clearfield PA R
 1300 "Cleveland VHF & CCI chs 9-10-11, Youngstown, Akron, Alliance, Cleveland UHF"
 1315 WEAO-49 Akron OH R
 1830 WKAR-23 East Lansing MI R
 1915 WGMU-14 Mt Pleasant MI R
 1950 WKOW-27 Madison WI R
 2040 WOPO-38 Altoona PA R
 "CCI ch 19"
 2043 WPGH-53 Pittsburgh PA R
 2058 WJNL-19 Johnstown PA N
 "Very long wait for this one, but just in time before Toronto starts programming from CN Tower."
 2120 "good signals from Binghamton, Elmira, Scranton & Philly"
 0104 WTPA-27 Harrisburg PA R
 WHP-21 Harrisburg PA R

Bill Thomson 1907 Seneca Street Buffalo, New York 14210 (BST)

March
 25 Au 2330 unID 2-13, very heavy 2-6
 26 Tr 0815 strong morning inversion
 ex noted w/CIG018-18 Ont
 snowfree, Youngstown & Akron U's super strong
 28 1845 Syracuse, Cleveland, Akron, Utica, Youngstown areas
 way up; Detroit U's good
 2000 WKAR-23 E Lansing MI (280)
 2025 WBYI-25 Saginaw MI (255)
 2029 WUHQ-41 Battle Creek (310)
 2130 WRTV-9 Cadillac MI (345)
 2300 highband VHF a real mess
 2330 WUCM-19 Bay City MI (255)
 29 0004 WHIZ-18 Zanesville (265)
 0022 unID-44 S.S.W.; WUOC?
 0050 CKGN-29-29 Oil Springs (165)
 0154 CKWS-11 Kingston v'y good
 0157 WKB-11 Alpena MI (270)
 0200 WJRT-12 Flint MI (230)
 0206 CBFST3-12 Elliot Lake T
 WZZM-13 Grand Rapids (340)
 0243 WXYZ-7 Detroit MI (220)
 0715 ex up in all directions;
 all southwest Ontario, Youngstown, Binghamton, Scranton, Elmira U's good
 most with super signals
 0725 W63AB-63 Mansfield (120)
 W64AB-64 Susquehanna (175)
 W72AT-72 Towanda PA T
 hvy 20 CCI w/W72AQ-72 NY
 0732 WLVT-39 Allentown PA (230)
 29 Tr 0830 WOHQ-41 Battle Creek (310)
 0857 WNPE-16 Watertown NY (165)
 0900 WBNY-7 Watertown thru lcl
 WKAR-23 E Lansing MI (280)
 WBGU-57 Lima OH (300)
 WGTB-30 Toledo OH (230)
 1740 Toledo U's strong
 1944 WUCM-19, WBYI-25 MI good
 2015 CKGN-29-29 thru local 29
 30 0031 WNYI-18 Norwood NY (225)
 31 Au 2345 haah 2-13, strong 2-6, FM
April
 5 Tr 1730 Toledo, Cottam U's strong
 2159 WBGU-57 Lima OH (300)
 9 1900 S.W. Ontario, Youngstown, Toledo U's very strong
 heavy ghosting on semi-local xltr W46AB
 2330 Detroit U's very strong
 10 0045 WBYI-25 Saginaw MI (255)
 0047 CKGN-29-29 Oil Springs (165)
 plus excellent signals from CK003-42, CIG018-18, and CKGN-1-22 Ontario
 12 1930 Detroit U's, WBYI-25, WKAR-23, S.W. Ontario U's all good with hvy fading
 2000 WQED-13, WPGH-53, WJAC-6, WTAJ-10 all very strong
 with heavy, deep fading
 WOPO-38 Altoona PA (165)
 w/deep choppy fading
 2100 WJNL-19 Johnstown PA (170)

Have noted a good amount of spring tropo lately, but no signs of early Rs. The tropo opening on the evening of 4-12 was one of the most unusual I've seen. WJNL-19 Johnstown made it in barely through CIG0-19 CCI; first time I've logged them, after years of looking. Thanks to Paul Traska for providing a bunch of TV GUIDE editions needed to check out some unIDs.

CENTRAL TV-DX

William J. Drab
Ellis St. R.R.#2
Kewaunee, Wi.
54216

Deadline: 12th

Not much dx reported during the past month. E-Skip has yet to begin it's season and tropo dx seems a little better than last month but I have a feeling next month will be different.

Donald W. Buland; 4448 68th Place, Kenosha, Wi. 53140 CST

3-16 Tr 0545	WKY-32 Louisville(330)	3-30 Tr 0600	WAVE-3 Louisville(330)
Gw 1700	WCFL-38 Chicago(50)		WHAS-11 " "
	(testing w/circa bars; strong sig.)		WLEX-18 Lexington(360)
3-23 Tr 0700	WKY-32 Louisville(330)		WKYT-27 " "
	WOSU-34 Columbus(320)		WKY-32 Louisville(330)
3-26 Au 0545	Unid ch. 2-11; NE	0610	WTVQ-62 Lexington(360)
3-28 Tr 2000	WTIZ-25 Cleveland(330)		WKRC-12 Cincinnati(300)
	WUAB-43 Lorain(310)		WCET-48 " "
2115	WFO-42 Portsmouth(370)	0650	WKIX-19 " "
	CKCO-42 Oil Springs(290)	0700	WOSU-34 Columbus(320)
2120	WYTV-33 Youngstown(380)		WFO-42 Portsmouth(370)
	WVU-24 Morgantown(450)	3-31 Au 2100	Unid chs. 2-13; NNE
	WJAN-17 Canton(360)	4-1 Au 0230	" " " "
2130	WFMJ-21 Youngstown(380)		Au 0600 " " 2-6; NE
	WKEN-27 " "	4-5 Tr 0640	CKCO-42 Oil Springs(290)
	WAKR-23 Akron(340)		CKGN-29 " "
	WTEO-45 Alliance(360)	0645	WOSU-34 Columbus(320)
2145	WEAD-49 Akron(340) T	0650	CICO-18 London(340) T
	WGLN-54 Erie(400)	0700	WAKR-23 Akron(340)
			WTIZ-25 Cleveland(330)

Log total now at: 408

John F. Combs; 816 W. Harvard, Orlando, Fl. 32804

"Just a note to tell you and other readers that this is the last time you'll see me in this column. The Orlando address is defunct as circumstances have forced me to withdraw from there. I'll be back at my Orlando address, which for those of you who've forgotten it, is:

816 W. Harvard
Orlando, Fl. 32804

I'll probably be here for the next few years, possibly enrolling at local F.T.U. (Florida Tech.) in the fall. I plan to upgrade my system here (which has been dismantled anyway!). Hopefully, by the middle of the summer I'll have a Delco 7' dish for UHF, and both this and my VHF antenna on a new 15' tripod on the roof. With 7's, the dish could rise to 40 or 50ft. above ground. I need a new lead-in, a new rotor, etc. It'll be a costly venture, but worth it since I'll be here for a while. I also hope to get my old Sears 9" fixed up to watch CATV (which carries WTOG-44 and WCIX-6).

No real dx in the Oberlin in the past few months. Did see new CKCO-42 one night, but that was about it. So, total log there came to 58, all tropo. Orlando log is at 239. So, what you've read in Statistics--a re-count produced the extra station. So, it looks like I'll be under Bill's column again (righto--wd) when next I send a report. 73's & good dx to all---John"

Rod Louma; 38540 Five Mile, Livonia, Mi. 48154

"No dx to report this time as I've just finished restoring my receiving system back to normal after a direct lightning hit to my tower on the 16th of February. Somehow the blast also got into several electrical circuits in the house ruining about a dozen duplex outlets and also literally blow two fuses right out of the fuse box in the basement. All power was out for about 24 hours until the Edison man replaced numerous fuses to restore partial service. I was out working at the time of the hit and my wife told me afterwards that all she saw was a "pop" while sitting at the piano helping my 10 year old son. Lesson. The lightning also went on to blow the top of the rotor control lying on the ground when the lights went out.

Louma; continued---

The smell of something burning prompted them to see it the house immediately and run to the neighbors to call the fire dept. They arrived in about ten minutes and, thank God, found no fire--only the rotor control had greatly overheated charring the top of the Zenith. Later inspection found some aluminum siding blown off the house where the tower is attached with a bracket and several holes burned through the aluminum attic vent located next to the tower. Pieces of wood were found in the vicinity of the vent in the attic where one brace had partially disintegrated. The tower was also knocked out of service for several days. In two upstairs bedrooms it appeared that where a high current had flowed in wires and the walls and super-heated the air, the walls bowed out nearly an inch and then went back in, but the walls were left protruding that inch. So much for the damage.

Upon firing the '69 Zenith it was found that the on-off switch was locked out, so a jumper had to be tacked in temporarily. Then the next symptom was extremely weak signals on the locals and nothing on the open channels. This turned out to be open antenna coils in both the U & V tuners which I replaced. Oh, things are picking up! But still there's a way to go. The Wingard T-FM7 TV-FM splitter is suffering from a disintegrated input capacitor, so it is replaced. Better, but still not normal. A tower climb finds the matching transformer on the Quantum just two pieces of melted plastic with wires dangling out everywhere--also the little door that encloses the transformer in the Quantum is found later in the backyard. Replace the transformer--another improvement. Well, it must be the coax! Ah, yes that brings signals on VHF back to normal and a closer inspection finds the shield blown off the old line. One strange thing is that although forward gain is normal, front & back ratios have deteriorated by about 6db upon comparison of readings taken on a Jerrold F8M last summer and now. (Note--in Gould-I recall you mentioning this after your lightning experience). Exactly what has happened I don't know, but this is bad for dx, so being unable to find a Quantum #1111 locally I found the larger #1110 available and bought it (the insurance company is paying for all of this, of course). UHF is still a problem as gain seems to be down 10db or more and evidence seems to indicate a frayed lead in there too. Of course it ends up being a connection between the antenna terminals and the tower top. So down comes the old #1111, then dismount the rotor and drop the mast down as far as it will go to bring the C-M dish(6') to the tower and put the antenna terminals within reach while straining on the top rung of the tower. The lead is replaced and sure enough the U's are finally back to normal and inspecting the old cellulose reveals a hole burned in one side and an open in the wire where an arc occurred to one of the standoffs. One more climb on a windless day is necessary to install the model 1110 and with a few prayers and much effort it is finally attached to the mast and the coax is attached. Success! Incidentally, I did have a lightning arrestor on the UHF lead in and the coax shield was grounded, but no arrestor was on the rotor wire (both rotor control and motor had to be replaced, too). The tower was also grounded with a ground rod. Now I've arrested the rotor wire also, and plan to use another ground rod for the tower to lower the resistance to ground. This was no fun, believe me (I believe you--wd), and I'm going to do my best to minimize the damage possibility if we should ever take another hit."

Paul Gaines: 15920 Puritan St., Detroit, Mi. 48227 EDT

3-9 Tr 0154 WTRF-7 W.Va. 1012(205)	3-11 Tr 0150 WTRF-7 W.Va. 1523(205)
0254 WITI-6 W.I. 1022(245)	0202 WRTV-6 In. 1022(230)
0326 WTLJ-4 W.I. " "	0205 WCPO-9 Oh. 1522(235)
Ms 0355 WCBS-2 N.Y. 2012(490)	Ms 0400 WCBS-2 N.Y. 2013(490)
Tr 0413 WBBM-2 Il. 1022(225)	3-12 Tr 0059 WNEB-17 N.Y. 1022(215)
0603 CFTO-9 On. 1023(205)	0134 W26AA N.Y. 1522(195)
3-10 Tr 0145 WTHR-13 In. 1122(230)	0135 W46AB N.Y. 1032(180)
0218 WTRF-7 W.Va. 1022(205)	0210 WIIC-11 Pa. 1022(210)
0228 WIIC-11 Pa. " "	0220 CFTO-9 On. 1023(205)
0230 WRTV-6 In. " (230)	0223 WBBN-4 N.Y. " (215)
0254 WTLJ-4 W.I. " (245)	Ms 0536 WCBS-2 " 2212(490)
0255 WITI-6 W.I. " "	3-13 Tr 0228 WRTV-6 In. 1022(230)
0256 WMAQ-5 Il. " (225)	0301 WITI-6 W.I. " (245)
0445 WBBM-2 Il. " "	0310 WMAQ-5 Il. " (225)

Gaines---continued

3-14 Tr 0320 WKRC-12 Oh. 1522(235)
 0338 WTHR-13 In. 1022(230)
 3-16 Tr 0258 WTMJ-4 Wi. " (245)
 3-17 Tr 0203 WTRF-7 W.Va. 1023(205)
 3-18 Tr 0257 WITI-6 Wi. 1022(245)
 0258 WTMJ-4 Wi. 1023 "
 3-19 Tr 0153 WRTV-6 In. 1023(230)
 0159 WITI-6 Wi. 1022(245)
 0211 WTMJ-4 Wi. 1023 "
 3-20 Tr 0141 WRTV-6 In. 1022(230)
 0731 CFTO-9 On. " (205)
 3-21 Tr 0315 WTHR-13 In. 1023(230)
 0320 WKRC-12 Oh. 1022(235)
 0344 WRTV-6 In. " (230)
 3-23 CBLT-9 now runs 3/4 c.b. w/
 digital clock from 0800-0830
 and WJW-8 signs off earlier,
 no more second movie, s/off
 at about 0200.
 3-24 Tr 0214 WTRF-7 W.Va. 1022(205)
 3-25 Tr 0215 WMAQ-5 Il. " (225)
 2323 WFLD-32 Il. 1523 "
 2330 WSNB-44 Il. 1022 "
 3-26 Tr 0114 WTHR-13 In. 4542(230)
 0622 CFTO-9 On. 1223(205)
 3-27 Tr 0250 WTHR-13 In. 1022(230)
 0255 WRTV-6 In. " "
 followed by C B'ers which
 messed up tv channels; un-
 able to dx. (I'm glad I don
 't live in a big city-wd)
 3-28 Tr 0326 WKRC-12 Oh. 1123(235)
 0416 WBBM-2 Il. 1022(225)
 Ms 0423 Unid-2; Easter Seal
 Telethon; W.
 0528 WCBS-2 N.Y. 1012(490)
 Tr 0600 KDKA-2 Pa. 1032(210)
 0606 WIIC-11 " 1022 "
 2036 WFLD-32 Il. 1522(225)
 2039 WSNB-44 Il. 1022 "
 2100 WTVO-17 Il. " (300)
 2115 WILL-12 Il. 1521(305)
 2132 WICD-15 Il. 1532 "
 2246 WTHR-13 In. 1031(230)

Paul passes along several newspaper articles concerning tornadoes which touch
 ed down (12 mi. away) near Detroit. Two people killed. This was on 3-20.

Jim Gould; R.R.#3, Kokomo, In. 46901 (317)-452-9585 EST

3-14 Tr 2030 WHO-13 Des Moines, Ia.
 3-25 Rotor fixed.
 Tr 2130 KOLR-10 Mo. Thru WHI.
 2132 KATC-27 Mo. 3524(445)
 2235 KBMA-41 Mo. 2020(458)
 2245 WSVN-47 Va. (317)
 3-28 Tr 0900 Huntsville U's (410)
 2130 Erie U's (338)
 2135 WWVU-24 W.Va. 3532(332)

3-29 Tr 0200 WRTV-6 In. 1022(230)
 0207 CFTO-9 On. 2522(205)
 0209 WIIC-11 Pa. 2554(210)
 0220 WITI-6 Wi. 1022(245)
 0302 WBBM-2 Il. " (225)
 Ms 0320 WCBS-2 N.Y. 2012(490)
 Tr 0534 CKCO-2 On. 1522(205)
 0554 KDKA-2 Pa. 1022(210)
 0719 WNEB-17 N.Y. 1522(215)
 3-30 Tr 0131 WTHR-13 In. 1023(230)
 0143 WCPO-9 Oh. 1522(235)
 0154 WTRF-7 W.Va. 1022(205)
 0226 WITI-6 Wi. " (245)
 0228 WTMJ-4 Wi. " "
 0229 WISN-12 Wi. " "
 0555 WKRC-12 Oh. " (235)
 3-31 Tr 0127 WTHR-13 In. 1023(230)
 0214 WRTV-6 In. 1022 "
 0227 WTMJ-4 Wi. " (245)
 0236 WITI-6 Wi. " "
 0307 WISN-12 Wi. 1023 "
 4-1 Au 0210 chs. 4, 5 & 6 unids
 Tr 0559 KDKA-2 Pa. 1011(210)
 4-2 Tr 0210 WITI-6 Wi. 1022(245)
 0630 CFTO-9 On. " (205)
 4-3 Tr 0255 WRTV-6 In. 1012(230)
 0259 WITI-6 Wi. 1022(245)
 0358 WGN-9 Il. 1122(225)
 0815 WXLX-19 Ky. 1032(240)
 0829 W39AA In. 1022(130) (WBOU)
 4-4 Tr 0210 WTHR-13 In. " (230)
 Ms 0323 WCBS-2 N.Y. 3512(490)
 4-5 Tr 0152 CFTO-9 On. 1022(205)
 0733 WNEB-17 N.Y. " (215)
 4-6 Tr 0214 WTMJ-4 Wi. 1022(245)
 0218 WITI-6 Wi. " "
 4-7 Tr 0143 WTHR-13 In. " (230)

Paul sees the following stations nearly
 every day: Youngstown U's, Cleveland-Lorain
 V's & U's, S. Bend U's, Ft. Wayne U's,
 Erie V's & U's, WGVC-35, WUHQ-41, WOSU
 -34, WNEO-45, WJAN-17, Columbus V's,
 WAKR-23, CPFL-10, CICO-18, CICO-28,
 CKCO-13, CHCH-11, Paris-6, WHIO-7, WOTV
 -8, WZZM-13, WLIO-35, WSTV-9, WLWD-2,
 etc. Log total now at: 232

Paul passes along several newspaper articles concerning tornadoes which touch
 ed down (12 mi. away) near Detroit. Two people killed. This was on 3-20.

Jim Gould; R.R.#3, Kokomo, In. 46901 (317)-452-9585 EST

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 2132 KATC-27 Mo. 3524(445)
 2235 KBMA-41 Mo. 2020(458)
 2245 WSVN-47 Va. (317)
 3-28 Tr 0900 Huntsville U's (410)
 2130 Erie U's (338)
 2135 WWVU-24 W.Va. 3532(332)

3-28 Tr 2135 CICO-28 Kitchener, Ont.
 2200 WUTV-29 N.Y. 1332(404)
 3-30 Tr 0705 WBBJ-7 Tn. 5533(378)
 0734 WMAV-18 Ms. 2513(472)
 0754 WBBQ-13 Tn. 5531(438)
 0832 WZTV-17 Tn. 5524(315)
 4-4 Tr 2302 W72AO Wi. 2235(246)
 (WISN)
 Log total: 539

William J. Draab; Ellis St. R.R.#2, Kewaunee, Wi. 54216 (414)-388-2350 CST

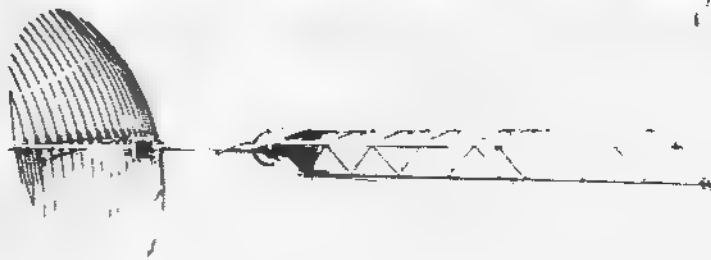
3-18 Tr 0815 KINL-30 St. Louis(432)
 3-19 Tr 1940 WKYT-27 Lexington(473)
 WTV-62 "
 WLKY-32 Louisville(437)
 WDRB-41 "
 3-20 Tr 1519 KINL-30 St. Louis(432)
 3-25 Tr 1945 WKYT-27 Lexington(473)
 KINL-30 St. Louis(432)
 3-28 Tr 1830 WKYT-27 Lexington(473)
 WMUL-33 Huntington(498)
 WOSU-34 Columbus(395)
 1833 CICO-18 London(328)



compass II

volume 1 number 17 • \$2.00 • wednesday october 8 1975 north

Compass II North is a weekly supplement to our regular daily edition which circulates throughout 11 state counties. Compass II North is being delivered free to households in Whiting and Robeson County. It is a sample of our larger, more comprehensive edition. Last year our news team won more state wide press awards than any newspaper in North Carolina. Try us and find out why.





70-foot TV tower brings the nation to his doorstep

by Barry G. Burr

[illegible][illegible]

1. The first step is to identify the problem.

[illegible][illegible]

[Faint handwritten notes, possibly bleed-through from the reverse side.]

a young White Tampa Bay Wolf
 (Canis lupus) playing with
 Sprague's hawk (Bubo
 virginianus) at night. The young
 hawk has just started
 flying.

[illegible]

I in particular, a clear delay was observed in the response. And the more the delay, the more pronounced the delay. I was not able to give a satisfactory answer. I tried to find a way to do it, but I was not able to do it. I think it is one of the most important things to do in the future.

[illegible]

the first of these is that the system is not a simple one, and the second is that the system is not a simple one.

1. The first step is to identify the problem. In this case, the problem is that the company is not meeting its sales targets.

...a Ketchner One K(A) a Denver
We'll be there early, say, making himself
as well as his friends at his proves

Flasker has received every station in the nation and only one in Indiana (channel 4). A number exceeds his wizardry. But the advertised conqueror Peep says: "I used a great deal of time before I picked up

But says that what's happening here is great during these events such as the 100th anniversary

A type is a little confusing: watching three sets of once, but your eyes adjust to it after about 15 days, he explains. It is just a matter of learning to direct your attention. After a while, it becomes second nature.

The second method a

push, already has plans to expand his TV reception by adding a VHF TV antenna. Maybe some day he'll be able to surpass the 64 stations one man in New York has been receiving.

Residents speak out

— page B-2

Oprysko scales the 70-foot high antenna he uses to bring in such distant stations as CFP's in London, Ontario and KOA in Denver.

compass photos
by Arthur Pollock

WESTERN TV-DX

Dennis Park Smith
50 Manzanita Way
Paradise, California 95969
Telephone 916 877-2975
Deadlines: 10th of month

May 1976

Some reports this time had some Es back in January, so add these to the January Es chart in last month's column: add 1 reporter each to Jan 10 eve & 11 eve; change MUF on Jan 10 to ch 3; and add Jan 13 am, 1 reporter, ch 3.

After mid-January, Es DX has been very scarce, with just a slight bit in early February and early March, as reported last month and before. After 1 and 2 March, there was nothing by Es above 54 MHz until the 26th, when both sporadic-E and aurora DX broke loose. Both the aurora and Es are shown in the chart below, as there appears to be a relationship. Many reports this time had meteor-scatter DX. Not much good tropo was seen, except for a bit of 19-March 680-mi VHF to Kansas, seen in south Texas.

	early				late				early			
	nite	eve	mid+	am	nite	eve	mid+	am	nite	eve	mid+	am
<u>Es</u> and/or aurora	<u>Mar</u>	<u>1</u>	<u>2</u>	<u>26</u>	<u>26</u>	<u>26</u>	<u>27</u>	<u>31</u>	<u>Apr</u>	<u>1</u>	<u>2</u>	<u>5</u>
Number of reporters	1	1	1	1	1	1	1	1	2	2	2	1
MUF at least (chan.)	2	2	2	8	2	2	8	9	2	2	2	2

It is noted that all late March-early April aurora and Es were seen in northern areas (North Dakota and Manitoba) except 5 April (observed in south Texas). Like MS propagation, aurora MUF can be indistinct, appearing to some degree in high band as well as low.

Fred McCormack, Box 5221, State University Sta, Fargo, North Dakota 58102 (2Jan-5Apr) (CST)
Equipment: Broadmoor 9" B&W with rabbit ears (DX post at 1717 2 Street South, Fargo)

Jan 13 Es 1015-1100 unids on ch 2 and 3
Mar 26 aE 0003-0030 unid on ch 2
au 0155 auroral hash through ch 8
0456 KMOX- 4 St. Louis MO 1325N 665
0558 WONT 6 Omaha NE 0335N 385
Mar 31 au 2340 auroral hash through ch 8
Apr 1 au 0207 auroral hash through ch 9 73.

These were excellent auroral openings. As usual FM was the most usable, but I did identify television for the first time. KMOX was logged with TV and WONT with FM tuner.

John Anderson, Box 186, Lowe Farm, Manitoba R0G 1B0

(1 Mar - 2 Apr) (CST)

12 tr 2230 KCMC-10 Minot ND 1225R 200 mentioned "pgm.highlights"
2300 KPME-13 Fargo ND 2225R 170 0220 unids 4 & 5 old movies
13 MS 12-1300 unid-2's east, several bursts 0230 unid- 5 wx: KW & IA mentioned
of basketball-NBC, Amer. Bandstand-ABC, 0250 unid- 2 record ad, female vocalist
ballet or opera-probably PBS 0310 unid- 2 ad Holson? Bros Furniture
20: mast came down in blizzard, now using on Logan? Ave.
monopole on new Panasonic TR662(12" B&W) 0325 unid- CBS Late Movie
26 au 2330 unid- 2 weak 0330 unid- 2 SocSec advice, ph. 869-8725
27 Es 0225 unid- 2 west, Starsky & Hutch, s/off? "Amer. the Beautiful"
f/out before Id 00Hz tone but no video
31 au 2330 unids 2-6 strong, useless on ch 2 0348 unid- gone (signed off air)
A1 au 0200 lots of hash, 2-5, getting stronger 2 tr 1000 KTHI-11 Fargo ND 5555R 145
0205 unid- 5 Eyewitness News, KXJB- 4 Fargo ND 53R 150

Fargo stations KXJB-4 & KTHI-11 are not 170 miles distant as I had thought, but are 150 & 145 miles, respectively. Transmitters are not at Fargo but are several miles north, about midway between Grand Forks and Fargo.

Although I don't have any decent antennas up at the moment, a new and better system is soon to go up. For a tower it will be a Rohm AX-64, for VHF-FM a Delid 1057 with 0059 amp (Channel Master 13 db), for UHF a C-M 7-ft dish with 0071 amp (13 db). RG11/u foam cable for VHF & UHF. I'll probably use an AR-0 rotator; I don't think the T-45 could handle the load.

A note about the auroral DX we've had here lately. I must say, aurora DX is number 1 on my list for the most aggravating mode of propagation. Only occasionally would the hash subside enough to let the audio pass through, and even then the audio was pretty lousy. Apparently an extra large sunspot was the cause of all this auroral activity.

Total stations received, now including locals and semi-locals (which were left out before) is 80 stations. 73's. (Video hash in TV-receiver circuits add to audio noise. Video-signal injection or separate audio receiver will help. dps)

Pat Dyer, 5315 Silvertip Drive, San Antonio, Texas 78228

(7 Mar - 7 Apr) (CST)

Equipment: 1971 model 9-inch black-and-white Penncrest thru Mar 11, thereafter
1976 solid-state model; Archer V-100 & 8-bay bow-tie UHF array at 20 feet with rotor

10 tr	2200 WLPB-27 LA	T 450	ms	0655:35 WMAH 2 MS	615		KMID- 2 TX	275
	WGNO-26 LA	T 510		1054:45 KUSD-2 SD	920	ms	1710:50 WTNW 2 IN	935
	2204 WJTV 12 MS	T 525	tr	2350 WAFB- 9 LA	T 450	28 tr	0130 KXAS- 5 TX	235
	2208 KPLG- 7 LA	325		2359 WRBT 33 LA	T 450		0150 WRBT 33 LA	T 450
	2342 WRBT 33 LA	450	18 tr	1059 KOSA- 7 TX	280		0157 KPLG- 7 LA	325
11 tr	0011 WAPT 16	525	19 tr	0050 KLEK-13 TX	340		(Teleton)	
	KALB- 5 LA	T 485		0059 KCBH-11 TX	340		2102 KXTX-39 TX	250
	0028 WAFB- 9 LA	450		0140 KTXS-12 TX	230	29 tr	2210 KHAB- 7 Tamp	T 250
	WBRZ 2 LA	T 450		0959 KTWU 11 KS	N 680		2358 WAFB- 9 LA	T 450
	0035 unId 20 FL?			1000 WIBW-13 KS	T 680	30 tr	0110 KPLG- 7 LA	325
	0215 WGNO-26 LA	T 510		2105 KOED-11 OK	T 485		0115 KGBT- 4 TX	230
	0910 WLPB-27 LA	T 450		KBRB-13 TX	250	31 ms	1529:55 WNGE 2 TN	820
	WRBT 33 LA	T 450	20 tr	0150 KDFW 4 TX	250	A1 tr	2135 WAFB- 9 LA	T 450
	0928 KETS 2 AR	T 515	23 tr	0005 WGNO-26 LA	T 510		WRBT 33 LA	T 450
	KARK- 4 AR	T 515		0035 KFDH- 6 TX	275		2315 WLPB 27 LA	T 450
	WAFB- 9 LA	T 450		0037 KLFY-10 LA	395		2340 WGNO-26 LA	T 510
	KPLG- 7 LA	T 325		0855 WMAH 19 MS	T 570	2 tr	0005 KPLC- 7 LA	T 325
	0940 WMAU 17 MS	T 470		0859 WRBT 33 LA	450		0040 WBRZ 2 LA	T 450
	WMAH 19 MS	T 570		WLPB 27 LA	450		0054 WYUE 8 LA	510
	0959 WMAU 14 MS	T 610		0900 WMAU 17 MS	470		0100 KFDH- 6 TX	275
	1000 WAPT 16 MS	525	24 ms	0133 WBAY-- 2 WI	1190	2 ms	1229:50 WTNW 2 IN	935
15 tr	1700 XHX -10 NL	T 275		0630:25 WMAH 2 MS	615	Es	1235-40 WSJK-2 TN	T1010
	XEFB- 3 NL	T 275	25 tr	0959 KCBH-11 TX	340		WCBH 2 SC	T1120
17 tr	0135 KTXS-12 TX	230		KOSA- 7 TX	280	Es	1310-25 ditto above T	

1971 model TV about ready to fall apart mechanically; been having problems with the horizontal sweep as well. Solid-state model is nice and sensitive; UHF is detent tune, sensitive but could do with a bit more image rejection.

A new meteor shower was expected Mar 23-25, but only slight signs of it. Hoped the rates might be up for the Easter Seal Telethon, but no luck with that approach.

Some signs of the Es season with about 15-20 minutes of it Apr 5. That's the most since the early part of February. (Maybe early-season Es, or perhaps the off-season solar disturbance that produced the aurora and Es further north? dps)

Ducting to KS on Ch 11 rough with GCI from Houston, Tulsa, Lubbock, and Ft Worth. 73.

Jim Pizzi, 300 Park, Orcutt, California 93454

(5 Mar - 9 Apr) (PST)

7 tr	(gd	KMST 46 Mont. CA	KNTV 11 SJose CA	2200 KLCS 58 "	3555
	sig	KNTV 11 SJose CA	KPBS-15 SDiegoCA	2230 KPMB- 8 S.D.CA	4544
	all	KBHK 44 SFran CA	2350 KCST 39 SDiegoCA	KGTV 10 "	3333
	day)	KSEW- 8 SalinasCA	2354 K59AE (KQED9) N	KPBS-15 "	
	1632	KCST 39 SDiegoCA	Fresno CA	KCST 39 "	
		KPBS-15 SDiegoCA	2355 K57?? ???	4 MS	2318 unId 11 NNE(2-sec.
11 tr	1803	KHJ - 9 L.A. CA	K63?? ???		burst/baw movie oldie/
	1807	KABC- 7 L.A. CA	K69?? ???		KSTW-KCBE-KMVT..??)
13 tr	1855	KMUV 31 Sac'toCA	north--where??		2349 unId 7 north
		KTXL 40 Sac'toCA	all w/tropo fading	5 tr	0930 KTWU 2 SFran
	1859	KGO - 7 SFran CA	Not in xltr guide		1059 KRON- 4 SFran
	1900	KQED 9 SFran CA	18 tr	0005	KGO - 7 SFran CA
17 tr	2300	K77CD HollisterCA	A1 tr	1900	KLXA 40 L.A.CA
		K86CC Holliste-CA			3555
		KMST 46 Mont. CA			3555
		20,38,44,60 SFran CA			2455
		13,31,40 Sac'toCA			4555
		KGSC 36 SJose CA			3555
					3245

Re tropo logging of Apr 17: K59AE Fresno is still on—
was listed in VUD as off. Saw public service announcement Apr 3 on KJEO 47 Fresno asking for donations to get public ch. 18 on air in Fresno. (Heavenly days!—maybe it will be on someday. Seems as though a group has held CP there for 20 years. When it gets on, I suppose the ch-59 KQED translator will then go off. dps)

Frank Aden, Jr, 1535 NW Ithaca Ave, Bend, Oregon 97701

(1 Jan - 11 Apr) (PST)

Jan 10	Es	2245	XHBC- 3 Mexicali BCN	Apr 10	tr	1440	KTVB	7 Boise ID	N
11	Es	1700	XEFM- 2 Cd. Juarez Chih N			(or ExGW)1440	KBCI	2 Boise ID	N
		1701	XELJ - 5 Cd. Juarez Chih N			11 MS	0615 unId	3 CB, no call, south	
		1715	KDBC 4 El Paso TX			(Frank's comments next time—out of space.)			

Best of DX to all

Dennis

NORTHERN FM -DX

Fréd Nordquist
302 Sandra Lane
N. Syracuse, NY 13212
Tele: 315-458-2365
Deadline: 10th of month

May 1976

Northern FM DX during the 1st quarter of 1976 consisted mostly of AU; which was noted on 1/10, 2/27, 3/25, 3/26, 3/29 & 4/1. Scattered MS and Tr was also noted. No Es was reported. Although reports received were rather sparse during this reporting period, they were geographically well spaced, with reports ranging from MN, IL, Ont, PA, to Maine. I expect more of you reporters will come out of hibernation and start DXing/reporting as it warms up in April & May, and the probability of Tropo/Ea openings increases. Now to the reports:

Bruce Elving - 184 East 5th Street - Duluth, MN 55805

Heddlasme Au 3am CST 3/26, prevented sched. reception of KKDQ-92.9 MD Grand Forks. I had arranged w/WSCD Duluth to have WSCD's exciter turned off during WSCD's only weekly silent period; they cooperated - but the Au wouldn't. However, I did get KFDI-FM 101.3 K° Wichita (prev, hrd in 1961 as KWB-FM), & relogged many others by Au that had been hrd only by Tr. Au lasted 0/9 hrs, until after 10am CST. DXing at Adolph. I still need KKDQ, one of my closest unheard stations! KACH-FM Duluth hrd & verified on KT, making my total here 1350 received since 1948. 61 new ones added in 1975, making that yr 11th best out of 28 yrs I have DXed, & not as good as a yr previous when 78 new stas. were grasped. Other recent DX: KXGR 96.7 MN Grand Rapids ("Kix 96"); MS 8am CST Nov 19: WIVK-FM in § 107.7 TN Knoxville. Semilocal WMBE 101.7 § Sank Rapids, WLLK-FM 100.9 § Cloquet MN; WDMI Ironwood MI 10-20 on w/testing. Tr 8/31: KTRK 106.9 Sts. Genevieve thru a weakened KTEL-FM Waterloo IA; WREC-FM 102.7 Memphis TN, WEZI 105.9 ditto; KELS 96.1 Elytherville AR; WCHU 89.9 Peoria. 9/2: WGBW 91.5 Green Bay rather strong at 200 mi., but hrd only 1 time. 8/8: WAUP Akron OH, WGBE 90.5 Columbus OH, WMBR 90.1 Marquette MI (320w; now 100kw as WMBU-FM); CKSO-FM 92.7 Sudbury ON, next on the dial to WSCD 92.9, 1 mi. away from my downtown QTH; WTRM-FM 103.1 Lapeer MI. 73.

Andy Rolin - 709 Lincoln Ave. - Charleston, IL 61920 (CST?)

Well, since last report the only change around here has been the addition of a homemade SCA adaptor to the AJ-15. March was 100% disgusting for Tr w/many warm fronts, but little DX.

11/1 Tr 0045 KKEZ 97.3 TX San Antonio (920)	3/26 Au 0023 WENK 97.3 WY Wheeling
0100 KLTN KPFT KILT all Houston (785)	0042 WRST 90.3 WI Oshkosh (320)
0115 KATD 97.5 TX Beaumont (740)	0130 WHEW 102.5 NY Buffalo (540)
11/2 Tr 0042 WMMO 102.1 NC Reidsville §g(505)	0145 KCLK 98.3 ON Kingston rr(680)
11/3 Au 0330-0500 CJOH CPFL CPCA & most	0206 WOOE 90.5 GA Athens rr(450)
Cleveland & Buffalo.	0210 KINT 95.1 KS Wichita (515)
11/4 Au 0445 CJOH WHEW CPCA	0237 WRSA 96.9 IL Decatur (335)
11/9 Es 2045 WCOU 93.9 MS Lewiston (970)	0242 WABW 99.3 TN Crossville (320)
12/23 Es 1230 KENG 92.5 OK OKC (590)	0327 WAER 88.3 NY Syracuse (630)
1/10 Au 1730 KOWA 95.1 MD Worthington (490)	0406 WGBH 89.7 MA Boston jass(910)
1750 KELS 93.9 SD Rapid City (840)	0515 KELS 93.9 SD Rapid C. rr(840)
3/18 MS 2135 KREK 104.1 TX Houston (785)	Au continued on & off to past 1300.
3/25 Tr 2100 KINT/KFDI KS Wichita (515)	3/29 Au 0200 WAER 88.3 NY Syracuse & most
Au 2305 WBFJ 92.5 NY Rochester w/WNIS	Buffalo sta. hrd
2327 WDOX 92.7 WI Waupaca (345)	(new to log underlined)

The Au on 1/10 had by far the highest MUF ever noted here w/strong QRM o/semi-lol TV-10. Worth mentioning - the 3/26 Au brought highly probable, but not definite, CEF 102.3 Saint John NB at 1160 mi! Total now at 1574. (Tom & Bruce Elving should get your updated totals into the FM scoreboard-fn) 73.

Peter Sawatzky - 244 Neilson Ave - Waterloo, ON, Canada N2J 2M3

RE: Heathkit AJ-15; Ant: Dahl 1047 30°AG; MS tape control unit. All loggings received on MS tape control unit are asterisked, and respective times refer to period freq. monitored.

2/1 MS 0200-0930 KHPQ* 04.1 TX Beaumont (1175)	ID: "...the talk of the town, KHPQ....."
0200-0930 WMEZ* 88.1 FL Pensacola (980)	ID: "...easy, WMEZ, pensacola..." 1stbyMS.
Tr 1359 WWC 94.9 WV Buckhannon (310)	
2/7 MS 0730-1630 KERA* 90.1 TX Dallas (1130)	"...263-3735...Glen...744-9010...263-KERA, and what's next...."
2/12 MS 0030-0730 KCKN* 94.1 KS KC (785)	weather info.
2/22 MS 0030-0900 WQXI* 94.1 GA Smyrna (710)	"...it's 58°...QXI..."
2/26 MS 0030-0730 WQXI* 94.1 GA "	"...QXI, hello, this is...."
2/27 Au 1810 Weak short-lived Au---no IDs	
3/7 Tr 1300 WHFI 94.3 MI Jackson Tentative ID-off freq or moved from 94.1? 73's.	

Harry J. Hayes - Star Route, Box 226c, Gouldsboro, PA 18424 (EST)

2/10	Tr 2330 UNID 97.5	cl mx WALKY	4/1	Au 0150 WNET 107.7	NC Greenville Tent.
2/16	MS 1533 WLTA 99.7	Ga Atlanta WAGA TV-5 ad			u/WDAO (400)
3/24	77 1715 UNID 92.5	NNIS, Rochester noted	0154	WDAO 107.7	OH Dayton ID-soul
		in NI item. (WBFB-fn)	0205	WDBN 94.9	DE Medina 1st NX
3/26	Tr 0900 WCLI 106.1	NY Corning rr (100)	0306	WAAF 107.3	MA Wore. Tent. rr
	GW 1630 WACM 103.1	PA Freeland ET w/w	0310	WNBS 97.5	KY L'ville NIS
3/28	" 1630 "	" old rr record(20)	0330	WSIU 91.9	IL rr/ID/amts(755)
	Tr 1647 WYSL 103.3	NY LAC w/Y-103 rr(200)	0335	Au extremely intense	on all
4/1	Au 0000-0335+	tune out. Extremely strong.		channels--most intense	opening
	0046 UNID 94.1	w/folk rr		experienced. Too tired	to stay
	0056 UNID 93.7	w.rr		up & dig out any more,	hi.

Eq: Zenith Transoceanic and Masterwork stereo w/CA rabbit ears. Total stations hrd:301. That WYSL reception from Buffalo on 3/28 assumed as Tr for lack of better explanation. It sounded like "skip" by fading up to local level few seconds, then completely gone. I don't suspect airplane scatter as Buffalo is normally out of range for this, there was no "flutter" & it stayed at steady weak level much of time. (I've noted reception of stations 200-300 mi. south of Syracuse by this mode - fn) I hope CX improves w/the warm wx, it can't get much worse, Tr, that is. The Au is great, hil 73.

Rod O'Connor - Box 72 - SM Harbor, ME 04679

Very poor conditions for DXing noted all winter long. RX: Panasonic RF888 AM/FM/VHF. Ants 35" whip. (You ought to get yourself a good outside FM Antenna w/rotor and report on those Canadian Maritime FM stations everybody wants to get, hi. -fn)

3/20	2215 WBOB 92.9	MA Boston (175)	3/25	1630 CBZF 102.3	NB St. John (145)
	WPRO 92.3	RI Provid. (210)		1635 CE2A 103.7	NB Grand Manan Is. LAC(85)
	WBFB 105.7	MA Boston (175)	3/26	1900 WOCB-94.9	MA W. Yarmouth (215)
	WMEL 107.9	MA "		WQRC 99.9	MA Hyannis (210)
	2220 WOXO 92.7	ME Norway(advNY)		WCOB 106.1	" " (210)
				WVLC 104.7	MA Orleans (220)

* WOCB was so strong it cut off usually strong WMTQ ME 175 mi. (Most of your propagation was most likely tropo, if stations are not normally heard all the time. Tropo is usually 180+ miles, versus Groundwaves less than 150 mi. Thanks for your report, Rod. fn)

Fred Nordquist - 302 Sandra Lane - N. Syracuse, NY 13212

Only DX to report is strong Au opening on 3/25 at 2300. WNEC-100.3 Dearborn noted w/Met at 2335. Many UNIDs. WYFI-99.7 Norfolk, VA w/s/off ant at 2339. 3/26-WMBI-90.1 Chicago g mx at 0017, WGCL-98.5 Temp. ok/rr 0025. Total now at 791. 73.

Central Tv-DX (continued from page 15)

May 1976

Dreet; continued---

3-28	Tr 1833	Erie U's(405)	3-29	Tr 0118	CICO-18 London(328)
		Cleveland U's(355)			(3/4 color bars with
1912	CICO-28	Kitchener(352)			"TV0" in lower right)
		(nearly snow free)			CICO-28 Kitchener(352)
1947	Youngstown U's(420)				(ditto; both stations
	WPHO-42	Portsmouth(461)			equal in strength)
1956	WTAP-15	Parkersburg(476)	3-30	Tr 0745	WHIB-40 Indianapolis(336)
2000	WHIZ-18	Zanesville(400)		0751	WKSO-29 Somerset(538)
2030	WUTV-29	Buffalo(445)	4-2	Tr 0010	W56AB Darlington(179)
2052	WTIU-30	Bloomington(376)	4-7	Tr 1825	Cleveland U's(355)
2100	WVED-17	Buffalo(445)		1954	KENL-30 St. Louis(432)
	WLAN-17	Canton(395)	4-8	Tr 2100	WKYT-27 Lexington(473)
	2102	WVU-24 Morgantown(513)			KHIN-36 Red Oak(457)
					Cleveland U's(355)
			4-16	Tr 1952	" "
					WAKR-23 Akron(380)
			4-18	Tr 0542	CKNC-9 Sudbury(350)
					CBFST-3-13 "
					CKNC-1-7 Elliot Lake(270)
					CBFST-1-12 " "
					0555 CHLAT-8 Manitouwadge I
					CHLAT-3-9 Wawa I

Log total: 637

Es 1445 Unided ch.3; S.

WESTERN FM-DX

Steven C. Wiseblood
707 Loma Way
Santa Maria CA 93454
Deadlines: 6/10,7/10

Patrik Martin, P.O. BOX 14192, Portland OR 97214 (Apr 5- Apr 9) (PST)

Receiver: MAGNAVOX AM-FM Stereo

Antenna: 10-Element LAPAYETTE YAGI & FM TRAP

4/5	Tr	1405	KHPE	107.9	OR	Albany	MoR	60
		1414	KORI	105.1	OR	Salem	RR	50
		1421	KOMS	103.7	OR	Lebanon	MoR	65
4/6	Tr	1437	KCTV	104.5	OR	The Dalles	MoR	85
4/7	Tr	1531	KLYX	105.5	WA	Longview	MoR	50
		2007	KELA	102.9	WA	Centralia	C&W	90
4/8	Tr	1414	KERI	104.3	WA	Bellingham	C&W	230
		2017	KIEL	96.1	OR	Eugene	RR	100
		2029	KUTI	104.1	WA	Yakima	C&W	125
		2359	KHIQ	105.3	WA	Edmonds	MoR	160
4/9	Tr	1110	KPFM	107.3	WA	Yakima	RR	125
		1130	KZOK	102.5	WA	Seattle	RR	145

I thought that it was about time I sent in a report, as it has been better than three months that I have lived in Portland and finally got an antenna up a few days ago. I had to connect a trap in the line to get away from so many images, as I live within eye-sight of most of the Portland FM stations, most of them at 100%W. Without the trap all I get are images on top of images. The trap works quite well, getting rid of the majority of the images from 102-108, at least. Good DX & 73's

Fred McCormack, 1717 42ndSt. S., Fargo ND 58102 (Dec- 5 Apr) (CST) *Des Lacs DX

Receiver: HEATH AR-15

Antenna: Rabbit Ears (Underlined are RELOQS)

2/11	Tr	2057	KVLR	95.3	MI	Detroit Lakes	Auto. RR	50
2/22	*Tr	1227	KRAD	103.9	MI	E. Grand Forks	C&W	210
3/26	Au	0033	KHMQ	104.3	MO	Kansas City	"Super Q"	550
		0145	KHMQ	102.5	IA	Des Moines	RR	400
		0219	WIBW	97.3	KS	Topeka		545
		0223	KCKN	94.1	KS	Kansas City	C&W	550
		0231	KPMQ	101.9	NE	Lincoln		415
		0235	KCTV	96.5	MO	Kansas City		550
		0240	KMBR	99.7	MO	Kansas City		550
		0242	KYYS	102.1	MO	Kansas City		550
		0249	KORC	92.9	MO	Hannibal	RR	565
		0258	KSWT	107.7	KS	Topeka	\$108, K-Sweet	545
		0304	WYEN	106.7	IL	Des Plaines	UPI nx	550
		0307	Waur	107.9	IL	Aurora	Mutual nx	550
		0313	KUDL	98.1	KS	Kansas City		550
		0322	KYSM	103.5	MI	Mankato	RR	225
		0325	KLIK	103.7	IA	Devenport	K-Double-I-K, RR	480
		0400	WMBE	92.5	OH	Toledo		745
		0400	WVUB	91.1	IN	Vincennes	\$91	735
		0401	WMBI	90.1	IL	Chicago	Moody Bible Institute	570
		0405	KICT	95.1	KS	Wichita	C&W	630
		0410	WNIS	101.1	IL	Chicago	nx	570
		0504	CJOM	88.7	ON	Windsor		745
		0505	WBCL	90.3	IN	Fort Wayne		700
		0556	KLIN	107.3	NE	Lincoln		415
		0557	KIOV	104.7	SD	Sioux Falls	C&W	245
		0559	KEFM	96.1	NE	Omaha		385
		0608	WJAG	106.7	NE	Norfolk		320
3/29	Tr	2042	KRAD	103.9	MI	E. Grand Forks	C&W	75
4/1	Au	0057	KICV	90.5	MO	Maryville	RR	460
		0132	KWNU	90.7	MO	St. Louis	RR	445
		0207	WSTU	91.9	IL	Carbondale	RR	715
		0246	WZOK	97.5	IL	Rockford	"FM-97", EL	490
		0309	WWKI	100.5	IN	Kokomo	C&W	690
		0330	KSSS	107.7	MO	St. Louis		665
		0333	WGMZ	107.9	MI	Flint	\$108, Beautiful nx	695
		0517	WBCL	90.3	IN	Fort Wayne		700

WESTERN FM DX

(Report of McCormack continued.....)

MAY 1976

4/1	Au	0528	WIKX	101.1	<u>IN</u>	Green Bay	//AM	455
		0530	WKSU	89.7	<u>OH</u>	Kent	s/on	860
		0535	WSWT	106.9	<u>IL</u>	Peoria	FM-107	560

Remember that all underlined stations are REBDS in this report, others are NEW.

73, Fred

Jim Pizzi, 300 Park, Orcutt CA 93454 (PST) (12/11/75-4/3/76)

Receiver: JVC VT-900, Fisher 500-C

Antennas: Vertically mounted 10-element

log at 40' into AMECO tuneable FM amp. Horizontally mounted 10-element log @ 76', using .412 co-ax. Channel Master 1110.

12/11	Tr	1657	KTIM	100.9	<u>CA</u>	San Rafael	Bay area FM's in.
12/14	MS	0056	unID	92.3	north		Latin mx
12/22	Es	1710	unID	05.7	east		CAN (KKAJ/KIKK?)
		1712	unID	94.9	east		CAN (KRIM?)
		1713	unID	02.3	east		7-11 ad. (KNFM?)
1/7	Tr	1700	KMYT	97.5	<u>CA</u>	Merced	\$EL
	Es	2004	KKAJ	95.7	<u>OK</u>	Ardmore	\$, end of nx
		2005	KEBC	94.7	<u>OK</u>	Oklahoma City	
		2006	KKKG	92.5	<u>OK</u>	Oklahoma City	
		2007	KOSU	91.7	<u>OK</u>	Stillwater	Blues
1/8	Tr	0001	KJAX	99.3	<u>CA</u>	Stockton	EL
1/9	Tr	1914	KUDE	102.1	<u>CA</u>	Oceanside	
		1915	KAPX	107.9	<u>CA</u>	San Clemente	
		1958	KHQS	95.7	<u>BCN</u>	Tijuana	w/carrier only
		2206	KHRM	92.5	<u>BCN</u>	Tijuana	Soul
3/2	Tr	1714	KEME	95.9	<u>CA</u>	Camarillo	SS/Latin (KUNA off)
		1754	KSCO	99.1	<u>CA</u>	Santa Cruz	(KXFM off)
		1756	KLTA	98.9	<u>CA</u>	Dinuba	(KXFM off due to storm)
		1759	KREL	99.1	<u>CA</u>	Riverside	and of nx

Steven C. Wiseblood, 707 Loma Way, Santa Maria CA 93454 (PST) (1/18-4/17)

Receiver: PIONEER SM-Q300B, SYMPHONIC P1513

Antenna: FM-4G @ 15'

2/5	Tr	1016	KLTA	98.9	<u>CA</u>	Dinuba	\$EL, ID as "99"	120
	MS	1032	KOVN	99.1	<u>ID</u>	Idaho Falls	Idaho Falls mentioned	
	Tr	1048	KERR	100.5	<u>CA</u>	Sacramento	Gave address ID	255
3/17	Tr	0645	XHIS	90.3	<u>BCN</u>	Tijuana	"La Buena Onda", SS	245
		0646	KFSD	94.1	<u>CA</u>	San Diego	Cl, ad for newspaper	230
4/1	Tr	0658	KFMB	100.7	<u>CA</u>	San Diego	"B-100", Top-40/Hits	230
		0708	KGB-	101.5	<u>CA</u>	San Diego	ID by YL DJ, using DOLEY	
		0714	XHIS	90.3	<u>BCN</u>	Tijuana	"La Buena Onda", \$EL, SS	
4/5	Tr	1419	KWYT	100.7	<u>CA</u>	Salinas	\$EL	135
		1422	KNIS	99.7	<u>CA</u>	San Francisco	total nx, FM-100	228
		1423	KQED	88.5	<u>CA</u>	San Francisco	Documentary-Biography	
4/17	GW	0859	KQW-	97.9	<u>CA</u>	Presno	NBC nx	135

Well, that's about all the DX for this month. No sign of any Es since 1/11, but it could very well start any day now. I'm expecting a long Es season this year with more intensive Es than last years poor July showing (Even though the last half of May and June were excellent). We had a very severe windstorm rip through the area on 4/15. Many trees and tree limbs were scattered over Southern California. In fact, two trees fell from our neighbors yard and landed in our backyard ripping through the fence, and these were 40' PINE trees. Were still cleaning up the yard from these winds which gusted over 70 mph. Palm Springs reported gusts up to 80mph and Los Angeles had gusts up to 60mph. The Antennas came out with little damage, a few elements are bent ever so slightly, but not noticeably enough to considerably effect the DX.

I do hope I receive reports from all of you WESTERNERS (west of the MISSISSIPPI) during this Es season. Lets make the WESTERN-FM DX column BIGGER than all the other columns by sending in your reports. All reports of any Es will be printed. Be sure to include a few brief statements about your receiving equipment and antennas. Remember that an antenna is NOT necessary to receive Es, a long-wire or Rabbit-Ears will work fine, though will not have the directivity of a YAGI.

73, to one and all.

Steve

TV QSL CORNER

PAUL D. TRASKA
64 WEAVER AVENUE
BUFFALO, NY 14206

WKYT-TV

LEXINGTON KENTUCKY

27



This confirms your report of reception of

WDBJ-TV

Roanoke, Virginia U.S.A.

DATE 2/12/73 TIME 2:00 - 3:30 PM

Maximum Power 316,000 Watts Antenna 4000 ft above sea level

Thank you for your interest.

Channel 7 WDBJ-TV

The above QSL's are part of my collection, seen due to the lack of CONTRIBUTIONS: please report.... and also please send information about ALL NIGHT MOVIES in or around your area, but up to date NEWS. I would like to get the article finished & published, so it can be put to use..... 9¢ post card sent to me won't break anybody's pocket.

73 s Paul

FM QSL CORNER

WDX3OMY
THOMAS J. YINGLING
 221 Pinewood Rd.
 Baltimore, Md. 21222

CA

KPOL 93.9 Los Angeles, 5700 Sunset Blvd, 90028; letter- F. Cherry CE WHEF 23days
 KAPX 107.9 San Clemente, 800 S El Camino Real, 92672; letter & map- Glen Kippel
 KFWB 100.7 San Diego, 1405-5th, 92112; send AM QSL-Card, Charles Abel 10 days
 KDIQ 98.1 San Diego, 3299 Holiday Court, La Jolla, 92037; letter & map 12 days
 Tom Francane

KOTE 106.3 Lancaster, box 1152, 93534; veris note attached to my returned rpt,
 Andrew W. Kay, pgs mgr, 10 days

KIPM 96.5 Bakersfield, 521 E. Street, 93304; letter- Mike McCatchan, Sta Mgr 15 days

IL

WNCN 89.1 Hayesville, North Central College, 60540; letter Dave Grace, CE 26 days

WSWT 106.9 Peoria, box 3335, West Elm Station, 61614; letter Joseph Gunat, CE 172da

WYKH 106.7 Don Plaines, 2400 E. Devon Ave, 90018; form-letter merox, Glen O'Connell
 Eng Consultant, 181 days !

WLMR 106.3 Lansing, 60438; letter Art Karmgard, CE 7 days

WVFX 103.1 Highland Park, 443 Central Ave, 60035; form letter & QSL Card for
 AM & FM (not marked though) Robert C. Soltysik, CE 111 days.

WXRJ 105.5 Woodstock, Crystal Lake, 60014; letter with tech info, Malcolm K.
 Bellair, pres 11 days

WAJP 93.5 Joliet, 451 Ruby St, 60435; letter Robert Bandek, gen mgr 9 days

MO

KYIS 98.5 Roseville, North Western College, 55113; letter Don Malley, CE
 also contour map & college broadcasting brochure in 36 days

KRTV 99.1 Mamate, 56001; filled-in merox veris form, Dave Hooge, CE 39 days

KBNM 88.5 Minneapolis, 1101-3rd Ave. S. 55404; letter with much info on station,
 mtr, ant; William F. Lund, station manager, 6 days

WWJO 98.1 St. Cloud, box 220, 56301; letter, Mike Hendrickson, CE 4 days

KKWS 105.9 Wadena, 56482; letter, Gene S. Randolph, pres/co 18 days

OH

WONA 94.3 Marietta, box 708, 45758; report returned with veris note signed by
 G. E. Buscher, CE 11 days

WQMS 96.5 Hamilton, 770 New London, 43013; letter A. Jack Myska VP & gen mgr
 31 days

WFCJ 93.7 Middletown, box 222, 45342, letter with much mtr/ant info from
 Tom Hornshead, Mgr/CE also pgs shed send 74 days

WREN 98.9 Youngstown, 3990Sunset Blvd 44301; merox of an unfilled AM QSL Card
 in 109 days

WBNA 107.3 Elyria, 4th floor, E.S.T. Bldg 44035; letter, Paul Nehel 11 days

WWEQ 94.7 Columbus, 4401 Carriage Hill Lane, 43220; veris note on returned
 report, WHEF, CE 11 days (Whats the CE name?)

WWNO 106.1 Mansfield, 2900 Park Ave W. 44906; letter with much tech info
 R. James Hise, CE 15 days

Well there is my biggest report to date, and all from one dx'er, all from Pat Byer,
 W5IYX San Antonio, TX. Pat says that these FM QSL he is reporting is most from 1974-
 75 reports/ Well thats about all for now till next month. Send those FM QSL's soon to
 Tom Yingling, Jr., 221 Pinewood Road, Baltimore, MD 21222 by the 15th of the month, 73M

Tom

NBC'S EXPENSES NOT NICE!

If the above title is unintelligible to you, then you're obviously unaware of
 the logo change recently made by NBC, who dropped their peacock in favor of a
 red and blue N developed at a cost of reportedly \$1.5 million. Unfortunately,
 another network had also invented the same logo---the Nebraska Educational TV
 Network, which had designed the logo at a cost of about \$100 and who had been
 utilizing it for some time. In an out-of-court settlement, NBC paid the NETV
 network over half a million dollars for the rights to the N, and for expenses
 to be incurred in removing the logo from NETV stationery and their equipment.
 NBC consequently now has what might be termed "The Two Million Dollar N." CWI

INTERNATIONAL NOTES from

KENNETH R. SIMON
528 Pilgrimage Road
West Palm Beach, Fla. 33405

Aeromutronic Ford Corp. of Palo Alto, Calif., is working on a satellite for Japan's National Space Development Agency for launch in February, 1979 that will include an FM color television transmission. This ECS satellite will be launched from Tanegashima, Japan.

An experimental television broadcast satellite is being built by General Electric Co. under a subcontract to Toshiba. BS is to be launched in February or March, 1977, from the Kennedy Space Center. ECS will be stationed at 145 ± 0.5 degrees East.
(Aviation week & space technology, March 1, 1976)

Some interesting notes came in a letter from TCOM's Development Manager Thomas F. Curry Jr. He confirms that ZFHQ-6 ch. 11 over High Rock, Grand Bahama Island is down. It went off in December of 1974.

"On numerous occasions a signal level of 52 to 54 dBu was measured in Nassau which is 125 statute miles away."

TCOM current testing at Elizabeth City, N.C., involves only telemetry and command radio links.

He also outlined two other TCOM projects.

One involves two Mark VII aerostats. One is operational while the other is serviced near Chupori, Korea. (Maybe Glenn Hauser is familiar with the location.) Among the projects used are two UHF ETV color transmissions and an FM radio broadcast. (An AM shortwave broadcast channel is also included.)

In Iran, two sites are utilized, one covering the Baluchistan area in southeaster Iran and the other in the Persian Gulf region in southwestern Iran. Each contains two TV channels and two FM channels.

No mention of frequencies are made.

Some side notes on the Bahamas operation. It ran from July, 1973 to December, 1974 and was located at 28 degrees 38' 0" North and 78 degrees 14' 22" West.

Below the two aerostat models are shown:

mark
VII



mark
VII-S



TCOM Aerostats, Scaled Size Comparison

Keith Hammer (buy his book...it's good and as the pound drops, it's cheaper than you would believe) sends along this map of Western Europe and the stations he thinks should be easiest catches in the U.S.

7310
Ken

The French Television Service(TDF)uses SECAM colour with 819 Lines scanning on VHF.UHF is transmitted on 625.

The Spanish Television Service(RTVE)is experimenting with PAL and SECAM colour systems but it is likely that the PAL system will eventually be adopted.The high-powered transmitter of Izana is situated on Tenerife in the Canary Islands and is quite likely to be received in the USA during good sun-spot activity



To assist all Television DX-ers with reception identification, the book "Guide To World-Wide Television Test Cards" has been compiled. This publication contains over 200 photographs of Test Cards and Captions used throughout the world. Contents also include: Useful information about many Television Services; Transmission Standards; Abbreviations and full names of the Services; Standard Test Cards.

This unique publication, covering well over 80 countries, costs £1.50 Sterling (including world-wide surface postage) and is available from:

HS PUBLICATIONS,
7, Epping Close, Mackworth Estate,
Derby. DE3.4HR.,
ENGLAND.

TV CCI AIDS

Steve West
432 Kenmore Road
Havertown, Pa. 19083

May 1976

Deadline: 10th

I would like to thank Paul Gaines, Paul Traska, and Tom Yingling for their unselfish generosity in making this months column possible. I would also like to thank Clarke Ingram and myself for the last column.

Please send in as much detailed information on your locals, along with logos, remember, this column is only as good as you make it! This is your column, it's made by you, and is for you!

WJBK-TV 2 Detroit, Michigan

Sign/on: 0615

Sign/off: 0330 to 0530

News Name: Eyewitness News

"The Best News in Town"

Newsman: Don Lark, Ken Ford

Beverly Payne, Joe Glover

Ray Lane (S) Jerry Hodak (W)

Woodie Willis, Vic Caputo

Movie Names: Late Show, TV-2

Late Late Show, TV-2 Weekend

Movie

Test Pattern: 3/4 color bar, ID on at 5:43am

Miscellaneous: Low Tone used with test pattern, "Operation Second Chance" and "Caputo" shows run late at night, News ID used a lot, shown big and small.



WGR-TV 2 Buffalo, New York

Sign/on: 0630 sun thru fri
0730 Saturdays

Test Pattern: color bars & test pattern used before sign/on, also slide with rooster seen.



Movie Name: "The Money Movie"

News Name: News Center

Newsman: Rich Kellerman, Bob Gist

WBEN-TV 4 Buffalo, New York

Sign/on: 0630 Mon thru fri
0730 Saturdays
0900 Sundays

Test Pattern: color bars and a slide before sign/on.

Miscellaneous: Monday thru Fridays they carry the ABC programs at 1am, WBEN-TV 4 is CBS.



Newsman: John Corbet, Chuck Healy
Keven O'Connor, Jim Mitchell

WWJ-TV 4 Detroit, Michigan

Sign/on: 0630

Sign/off: 0200 to 0300

Test Pattern: 1/2 CB ID at 0600 with high tone

WWJ-TV 4

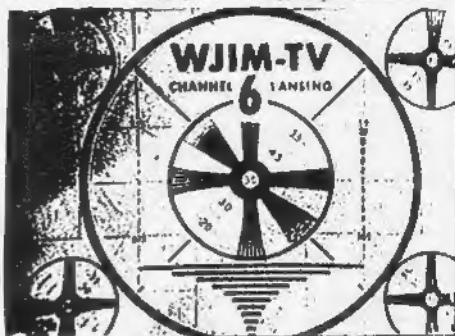
News name: News 4 (12, 6 & 11)
(Continued on next page)

WWJ-TV 4 Detroit, Michigan (continued)

Newsmen: Robert Blair, Lowell James, Wes Sarginson, Sonny Eliot (W)
Movie Names: Saturday Night Movie
Test Pattern: 1/2 Color Bar ID, on at 0600 with high tone.

WWJ-TV 4WWJ-TV
DETROIT**WJIM-TV 6 Lansing, Michigan**Sign/on: 0557Sign/off: 0130 to 0230News name: 6 Star News (12, 6 & 11)Anchormen: Will Murphy
Tim Start (S) Pat Parker (W)Movie name: Cinema 6Test Pattern: on at 0615 with low tone.Miscellaneous:

"TV-6 News" used during news reports, after CBS movie, a public service program shown a half hour or longer, then sign/off.



Global Television Network Chs. 22, 29, 6, 22, 2, & 6

Global News at 6:00 pm & 10:00pm weekdays only...

Newsmen: Peter Truman

WSYR-TV 3 Syracuse, New York ... news is called TV 3 Total News

WHEN-TV 5 Syracuse, New York ... news is called 5 News Center

WESH-TV 2 Daytona Beach, Florida ... Watch the 2 News

NEWS-TV 5 Cleveland, Ohio ... Eyewitness News, with John Hambrick, Dave Patterson ... TV-5 Eyewitness News at 6 & 11pm.

WFBC-TV 4 Greenville, South Carolina ... The Scene Today 9:00am

KRON-TV 4 San Francisco, California ... 11:30pm Sunday the Big 4, Newswatch-4 at 12, 5:30, 6:30 & 11, "The Big 4, TV with a grasp of the news"

WBAY-TV 2 Green Bay, Wisconsin ... Chuck Ramsay TV 2 news at 6 & 10

WTWO-TV 2 Terre Haute, Indiana ... Ron Howard weatherman on Eyewitness news TV-2

THIS IS YOUR DX

C P Cleaning
15920 Puritan St.
Detroit, Mi. 48227

All DXers have stories they can tell & this is the column for it! MS ES TROPS etc. what ever it is---send it to me at the above address. I know you DXers, both TV & FM, have some great pick-ups, lets hear about them!

I will start this column with my big one. But let me lead you in to it, for I was not a DXer at the time.

I was born in Detroit a long time ago. When I was eleven my Dad gave me a choice of having a bicycle or a radio. I thought on for a day and made my decision. I was the only kid in the neighborhood that used a scooter! Ah! But having a radio for my room was a big thing! For everything was on radio-you name it! It was our TV in those days. My Dad bought me Whites Radio Log, a habit I kept through the years. It listed all U.S. AM radio stations by frequency, call letters, & by cities - also stations in Canada & Mexico. Had a complete listing of SW stations also. Yes! People DXed back in those also. WLW-Cincinnati, Ohio was the most powerful AM station in North America at 500,000 Wts & WEXL-Royal Oak, Mich. was one of the weakest at 50 Wts---I got them both! (smile)!

Well time passes---WW2 I went into the army-Ill, Calif, Md, Boston, & then over to England & its BBC---(WOW!-those chimes on the hour!). On to France, wounded, into Paris on my back & over to England by plane, still on my back, & the first on a plane! BBC---again! WOW! Finally---back to the to the good old U.S.A. & N.Y.C. Not as great as you think! I was in another army hospital & didn't see the town! I was walking now. They had one TV set there & one night I got see it. They had on a boxing match---looked like an old time news reel. It was live from N.Y.C.---I don't know the ID of the station---sorry fellows---but it was 1945. On to Chicago after three days there. Spent one year in Chi & saw no TVs. We only had radios. I got out of service there & went home to Det.

Time passes & you grow up---marriage, jobs, children, etc. That brings us up to present time. I now am a free man, living in an apartment in NW DET. At this time I was still a TV watcher, not a DXer. Oh! it's true I have seen the Flying Classroom & one night I got London-10, Johnston-6, & a belly dancer on a Pittsburgh station---I think it was 4. I'm still a TV watcher---it took the big one to make me what I am today---a TV DXer!

It was Sunday morning---8-20-73 & WJBK-2 had just gone the air---time 03:30. Something was on chan-2, fading in & out, both V & A. I got my Panasonic taper & waited, it was movie. A French one with English dubbed in type. I was using then Admiral 12" color set, which was placed in front of the couch. I will add---in the worst part of the apartment for reception---even my radios don't pick up good there! & I'm using rabbit ears! This movie went on & on---no ID---no ads? I finally started tapping the end of the movie. Sign-off time came! And the big thing was---this station faded in! How about that! It was CKCK---Regina, Sask.---WOW!--- & I got it on tape! Two things---I am glad that WJBK went off the air & that I didn't fall asleep! About a year later, the same time & about the same month I got KTWO-2. Well, I mailed the tape to CKCK & got it back with a nice tapped letter on the other side of it from Mr. L. Westmorland. Later that A.M. I looked through my Whites Radio Log, which now lists TV & FM stations. I saw an ad for W.T.F.D.A.---it sounded good---so I joined the club & I haven't been sorry yet! Thanks all help from club members & Rod Louma---WJBK-2---where he works. For without his help, you would not be seeing any pictures of mine! This club of ours has got a lot of great people in it. So that's why I rate my CKCK pick-up as the big one! For without it---I would still be a TV watcher---not a TV DXer! DXing in a big city is ruff with all it's interference---locals, semi-locals, FM, CBs, etc. But there has been other good pick-ups---that make it worth it! Like WHMT-17 without a P. dish, ES CMQ-6 & getting good pic of their TP, & MS WCBS-2 also getting their TP pic. I guess I can't cry! And I thank the Lord for my pick-ups! Every X-mas I send Mr. L. Westmorland a card & letter, this last X-mas I also sent him some DX pics. Last I got a nice letter & pics from him---nice to have a friend in Canada VIA of TV!

Well, I guess that's it! I'll close it out for now---hope to see you in Chicago at convention time. Will try & to get Mr. Louma there also---you like him!

So send me your stuff, yes! we will print it! because this is a column of & about you---the worlds greatest DXers---TV & FM!!! 73's-Paul Gaines

TV CCI

UNIDENTIFIED TV-DX

Frank Aden, Jr.
1535 NW Ithaca Ave.
Bend OR 97701

MAY 1976

KIVA-12 is in the New Mexico Edition of TV GUIDE. This can be added to the WTFDA TV STATION GUIDE. If you do not have a copy of it I recommend that it should be obtained as it is the most accurate list available.

KIVA TV

I plan to compile a list of TV station addresses. If everyone would side their local's addresses in on a 3 by 5 inch file card it would be appreciated. I would like to eventually have a complete list of addresses in booklet form.

Members are now needed to supply TV GUIDE Editions not available from the regional offices. If any of the editions in the below list can be bought in your area or if you know someone who might be able to supply any of them please write. I hope to have a complete set of TV GUIDES by next summer.

Carolina-Tennessee
North Georgia
Northern Alabama
South Carolina
South Georgia
Southern Alabama
Eastern New England
Maine
New Hampshire
Western New England
Eastern British Colum.

Chicago Metro
Hawaii
South Texas
Southeast Texas
Central California
Nevada
San Diego
New Jersey-Pennsylvania
Philadelphia Metro
Southeast Pennsylvania
Manitoba-Saskatchewan

Pittsburgh Metro
Eastern Washington State
Montana
Western Washington State
Central Virginia
Eastern Virginia
Washington-Baltimore
Central Pennsylvania
Pennsylvania-New York
Alberta
Western British Columbia

Before sending any TV GUIDES please drop a line with those editions available.

Another project I am interested in is the plotting of E skip openings. These are invaluable in the identification of stations. Members interested please write.

Now that the E skip season is upon us I suggest that everyone keep their TV GUIDES so when the Unids appear in TV-CCI members can refer back to them to supply both positive and negative identifications.

I also suggest the support of TV-CCI AIDS. Send Steve West your locals characteristics today. Both Steve and I will appreciate it. (See TV-CCI AIDS March 1976).

73's until next month

Frank Aden

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WORLDWIDE TV-FM DX ASSOCIATION



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